

Expression Web Lab Exercises

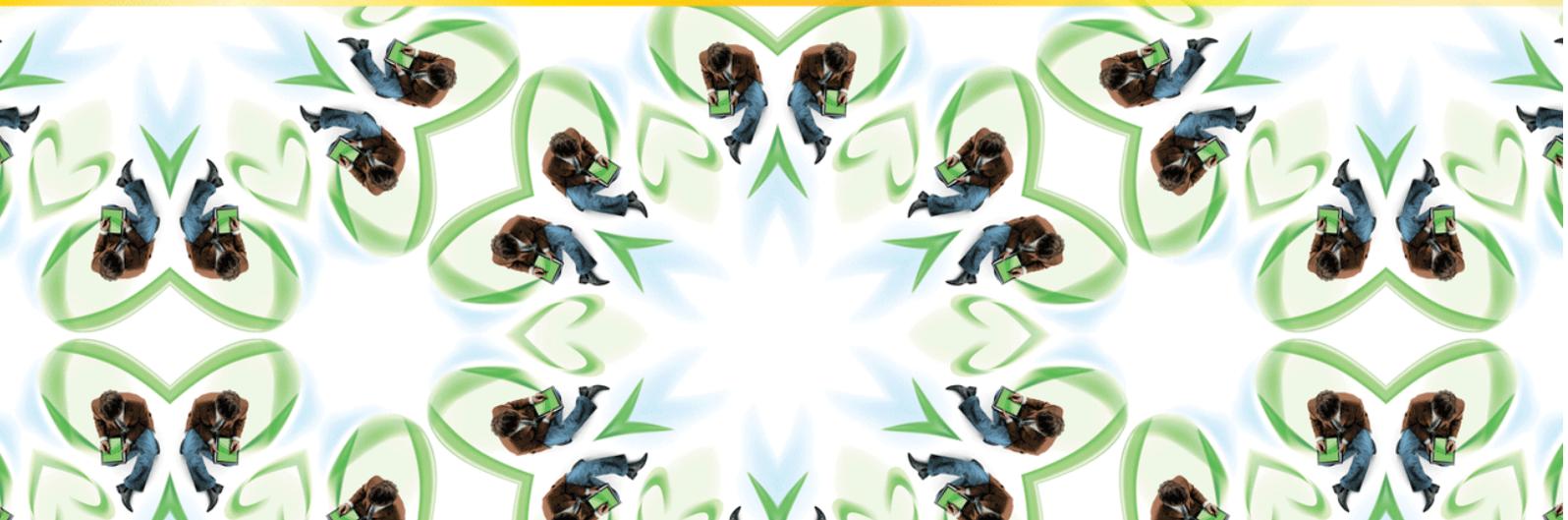
Expression Web Quick Start Tutorial

Beaches Around the World

By Aseem Badshah

(Part 2: Beaches Around the World series)

Microsoft
Expression Web 2



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Setup

All of the files and images needed to complete the activities in this Quick Start guide as well as the completed Web site project are located in the accompanying **Expression Web Quick Start Tutorial_Beaches.zip** file. Extract this file to a convenient location where student files are typically stored. Files will be extracted to a folder named **Expression Web Quick Start Tutorial_Beaches**. The image and text resources for use with this tutorial are located in the **Beaches Resources** folder within the QuickStart_Web folder. The completed site files are located in the **Beaches Completed Website** folder.

The screenshots of Expression Web in this tutorial are shown in the **Default Windows** color scheme of Expression Web and may not be the same colors as the version of Expression Web installed on student computers. If desired, set the Expression Web color scheme to your current Windows color scheme. Click **Application Options** on the **Tools** menu. In the **Application Options** dialog box select the **Use your current Windows color scheme** option.

You will also need to download and install the Microsoft® .NET Framework version 3.5 (which includes the Microsoft AJAX extensions) to complete parts of this lab exercise. It is available from the link below.

The .NET Framework 3.5:

<http://www.microsoft.com/downloads/details.aspx?FamilyID=333325FD-AE52-4E35-B531-508D977D32A6&displaylang=en>

Scenario

This fast paced lesson introduces you to Microsoft Expression® Web. It is designed to help beginners create HTML pages with layers, Cascading Style Sheets (CSS), interactive buttons, and Dynamic Web Templates. By the end of these exercises, you will have created a simple standards-compliant Web site on the topic of an around-the-world beach trip.

In order to create this site, you will learn to use the tools in Expression Web to edit Web documents in Design view and to create a site that is ready for publishing to the Web. In these lab exercises you will become familiar with Web-based technologies such as layers, cascading style sheets (CSS), interactive buttons, and Dynamic Web Templates.

Below is a sneak peek of the “My Beach Trip” Web site that you will create with this tutorial.

My Beach Trip - Windows Internet Explorer

C:\Documents and Settings\Desktop\MyTrip_LastName\index.html

File Edit View Favorites Tools Help

My Beach Trip

MY BEACH TRIP



Pink Sands Beach

Phi Phi Island

Anguilla

Whitehaven Beach

About My Trip

I have chosen four beach destinations for my ideal trip because the sun makes me happy and I love going to the beach. It was virtually impossible to pick only 4 great beach destinations for my trip, but I think this trip will give me a good idea of the different beaches in the world.

These destinations are great places to disappear with a towel, lots of sunscreen, and a good book for a memorable and relaxing vacation. Enjoy!



[See a list of other famous beaches.](#)

My Computer 100%

Study the Expression Web Workspace below. Become familiar with the tools, tabs and panels identified. They will be referenced in the directions throughout this tutorial.

The Microsoft® Expression® Web Workspace

The screenshot shows the Microsoft Expression Web workspace. The main window displays a web page titled "MY BEACH TRIP" with a beach background. The workspace includes several panels and toolbars:

- 1. Common Toolbar:** Located at the top, containing standard application controls like File, Edit, View, Insert, Format, Tools, Table, Site, Data View, Task Panes, Window, and Help.
- 2. Folder List:** A tree view on the left showing the project structure, including files like index.html, beachtripstylesheet.css, and various image files.
- 3. File Tabs:** Tabs at the top of the workspace showing the current file being edited, such as index.html, beachtripstylesheet.css, and contentPageTemplate.dwt.
- 4. Toolbox:** A panel on the right containing various HTML and Form Controls, such as <div>, , Break, Horizontal Line, Image, Inline Frame, Layer, Paragraph, Advanced Button, and Drop-Down Box.
- 5. Style and Layer Task Panes:** Panels on the right for managing styles, including "Apply Styles" and "Select CSS style to apply".
- 6. View Tabs:** Tabs at the bottom of the workspace for switching between Design, Split, and Code views.
- 7. Tag and CSS Property Task Panes:** Panels on the left for editing HTML tags and CSS properties, such as "Tag Properties" and "CSS Properties".
- 8. Bread Crumb Trail:** A trail of navigation icons at the bottom of the workspace for navigating between different parts of the site.

1. Common Toolbar
2. Folder List
3. File Tabs
4. Toolbox
5. Style and Layer Task Panes
6. View Tabs
7. Tag and CSS Property Task Panes
8. Bread Crumb Trail

Exercises

EXERCISE 1 - Creating a New Web site

EXERCISE 2 - Creating Page Layouts with Layers

EXERCISE 3 - Styling Your Web Site Using CSS

EXERCISE 4 – Creating More Pages

EXERCISE 5 - Adding Navigation Controls to Your Site

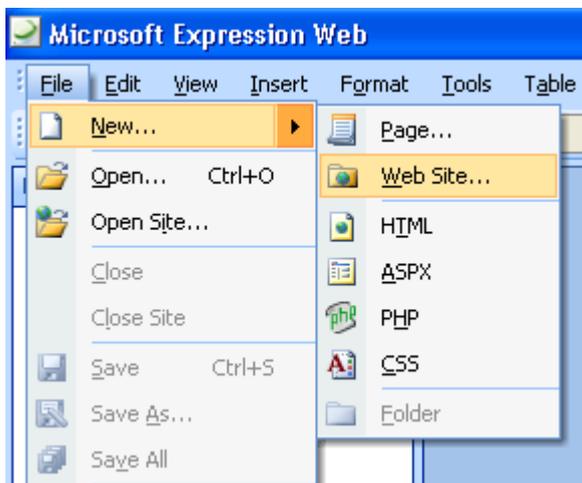
Exercise 1: Creating a New Web Site

Scenario: You will create a new, empty Web site and a blank HTML page, and change its properties.

Task 1: Create a new empty Web site

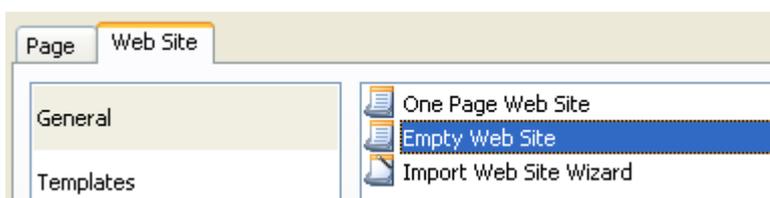
Create the basic framework for your new Web site structure.

1. Click **Start**, point to **All Programs**, point to **Microsoft Expression**, and then click **Microsoft Expression Web**.
2. Using the image of the Expression Web Workspace, locate the **View Tabs**. Click on the **Design** tab to set the work environment to the correct view for this tutorial.
3. On the **File** menu, point to **New**, and then click **Web Site**.



4. In the **New** dialog box, on the **Web Site** tab, click **General**, and then click **Empty Web Site**.

Note: You selected the **Empty Web Site** option because you plan to create a new site with more than one page. When you select this option, Expression Web creates a new blank folder where you can save all of the files and folders in your Web site.



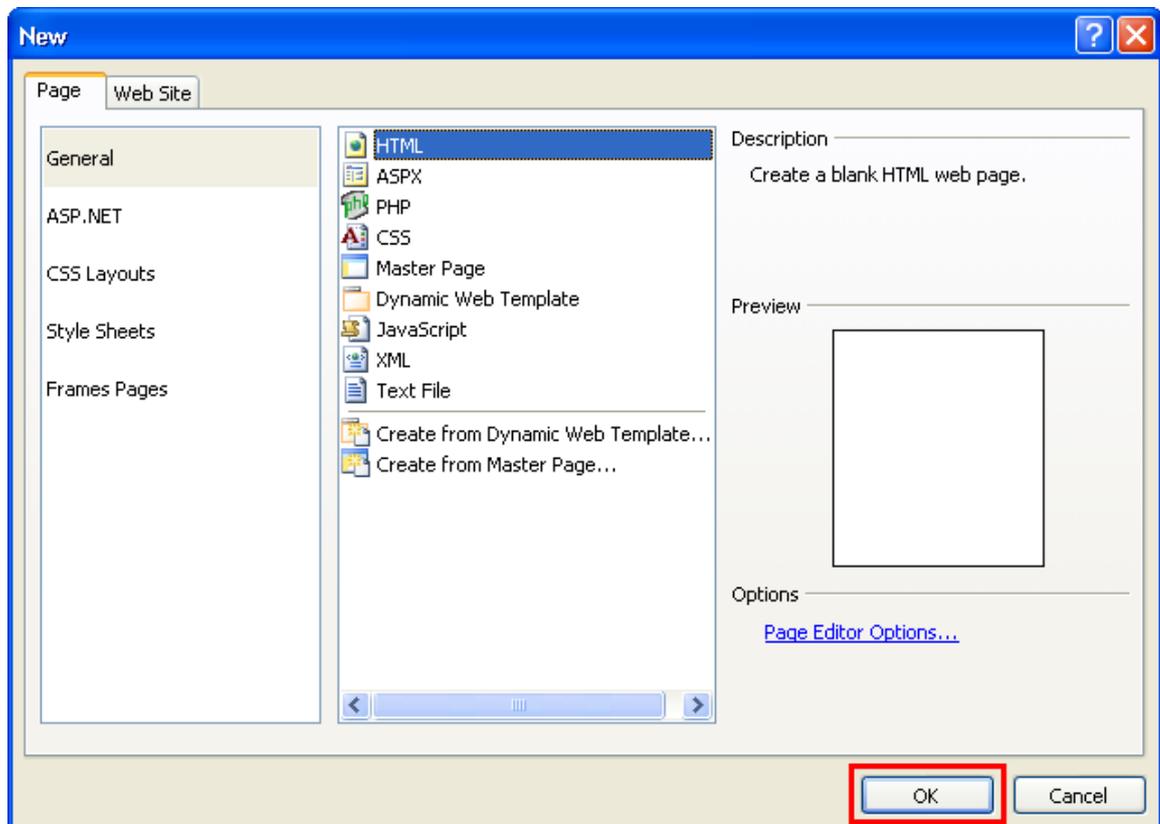
5. Click **Browse** to specify the location of the new Web site and click **Open**.

- To specify a name for the Web site, highlight the automatically generated name at the end of the path and enter a new name to replace it.
For this example, call this site **MyTrip_LastName**. (Replace "LastName" with your last name.)
- Click **OK** to create and save the Web site. This will create a root folder for your site and Expression Web will store all of your files in this folder. This helps ensure that your links and images will work properly when you publish them to a Web server.
- Using **Windows Explorer**, move the **Resources** folder from the **QuickStart_Web** folder to the folder that was created for this new Web site. The instructor will demonstrate this step if necessary. You will find the Web site folder in the location that was chosen in step 4.

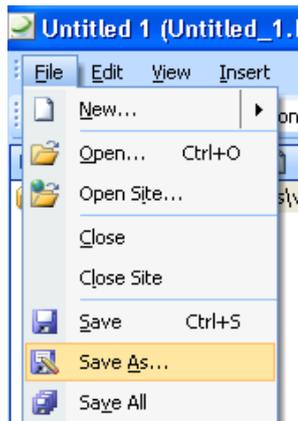
Task 2: Create a new HTML page

Create the HTML page that will be the home page of the Web site and set the page properties.

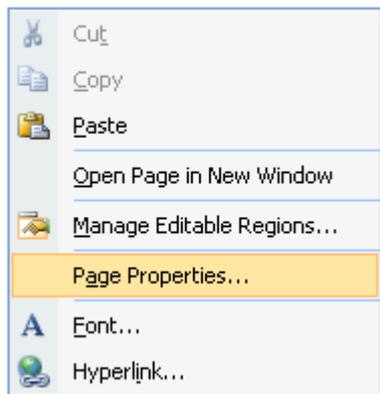
- On the **File** menu, point to **New**, and then click **Page**.
- In the **New** dialog box, click **General**, then click **HTML** and click **OK**.



3. On the **File** menu, click **Save As**.



4. In the **Save As** dialog box, in the **File name** box, type **index.html** and then click **Save**.
The page is named “index.html” because most Web servers will recognize this file name as the home page.
5. Right-click anywhere on the blank page and select **Page Properties**. Settings made in this dialog will apply to the entire page.



1. Under the **General** tab, change the properties listed in the following table to the values specified. This will help users and search engines know the topic of the page. The **Title** text appears in the very top of a browser window, and it is also the text saved in the bookmarks list when someone bookmarks your page.

Property	Value
Title	My Beach Trip
Page Description	This site is about a trip around the world to various beach locations.
Keywords	beach, trip, travel

Title:

Page description:

Keywords:

Base location:

Default target frame: 

6. Under the **Formatting** tab, change the properties listed in the following table to the values specified. This will change the color of all links on the page.

Property	Value
Hyperlink	Blue
Visited hyperlink	Green
Active hyperlink	Light Blue
Hovered hyperlink	Light Blue

Colors

Background: Automatic Hyperlink:

Text: Automatic Visited hyperlink:

Active hyperlink:

Hovered hyperlink:

7. Under the **Advanced** tab, set all of the margins to **0**. This will get rid of the default space that creates a small margin around the edge of the Web page when displayed in a browser.

Margins

Top Margin:	<input type="text" value="0"/>	
Left Margin:	<input type="text" value="0"/>	
Bottom Margin:	<input type="text" value="0"/>	
Right Margin:	<input type="text" value="0"/>	

8. Click **OK** to close the **Page Properties** dialog.

Exercise 2: Creating Page Layouts with Layers

Scenario: Now that you have set up your site and your first page, you are ready to start adding content. Let's begin by creating the layout for this page using the Layers option. Layers are containers that hold elements on your Web site, but are invisible when the page is viewed in the browser. Layers are found in the Toolbox and dragged onto the design surface.

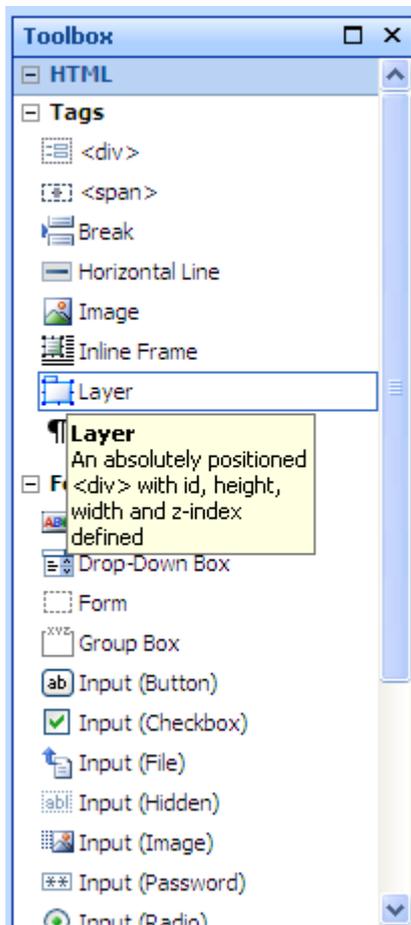
Layers in Expression Web are created using div tags with CSS so you can place them anywhere on the page. This is called absolute positioning. Once you have inserted a layer into your page, you can insert any element, such as an image or text, into the layer.

Layers are a popular choice among designers because they provide precise layout control, but you should know that this is only one of many ways to create layout designs using CSS in Expression Web.

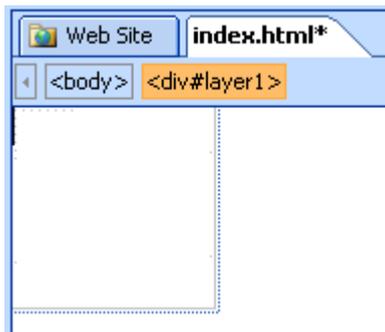
Task 1: Create a layer and add an image

Create a layer using the toolbox and then insert the header image into the layer.

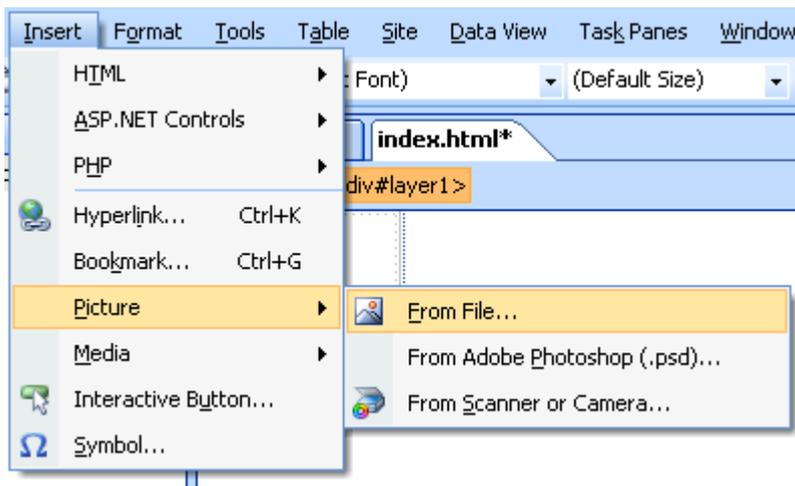
1. In the **Toolbox**, click **Layer** and drag it onto the page. The layer will automatically appear in the top left of the page.



2. Click inside the new layer to place the cursor within the layer.



3. On the **Insert** menu, point to **Picture** and click **From File**.

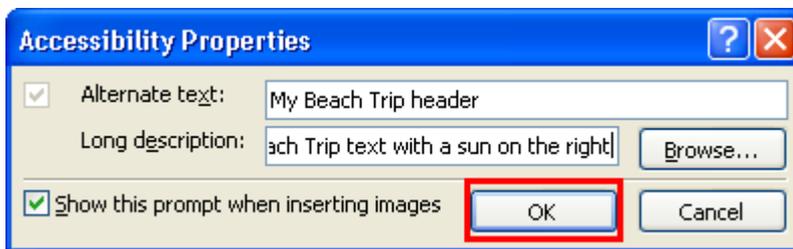


4. In the **Picture** dialog box, navigate to the **Resources** folder in your Web site and select **beachHeader_final.png**.
5. Click **Insert** to add the picture to your site.

- In the **Accessibility Properties** dialog, change the properties listed in the following table to the values specified and click **OK**. This will help users and search engines identify the subject of the picture.

Note: The alternate text entered into the Accessibility Properties dialog is inserted into the code behind the image and is a requirement for compliance with accessibility standards established by Web design organizations. For more about accessibility standards visit <http://www.w3.org/WAI/>

Property	Value
Alternate text	My Beach Trip header
Long description	My Beach Trip text with a sun on the right



- On the **File** menu, click **Save**.

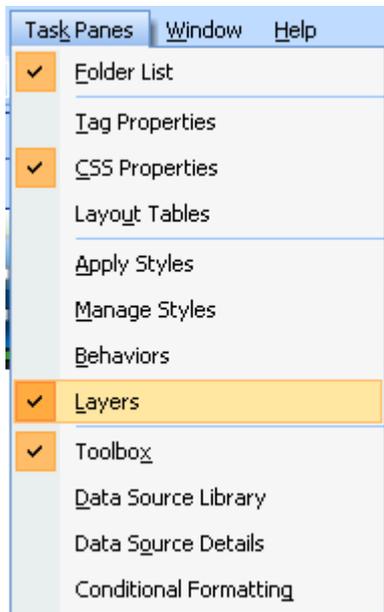


- In the **Save Embedded Files** dialog, click **OK**. This will save the image along with the HTML document in your Web site folder.

Task 2: Make the layer fit the image

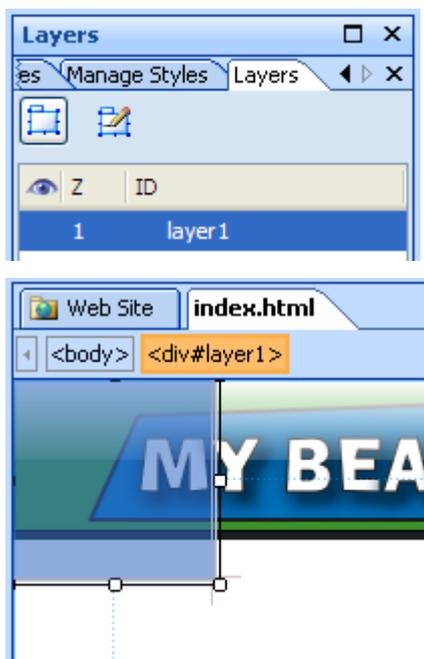
Make the layer fit the image using CSS Properties.

1. On the **Task Panes** menu, ensure **Layers** is checked.



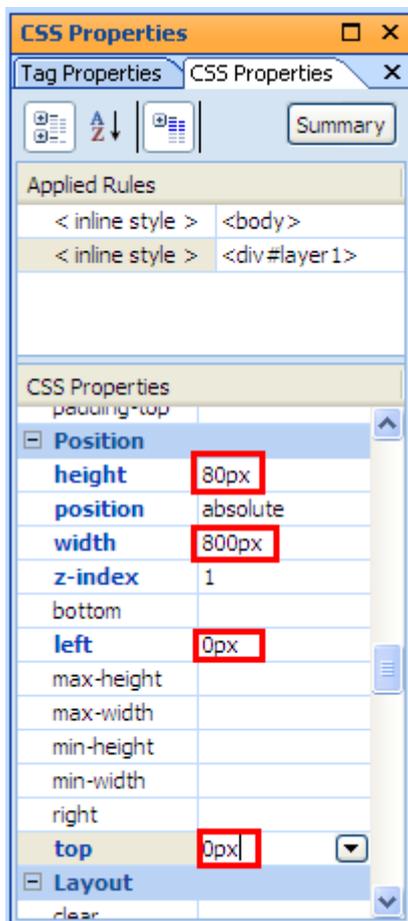
2. Select the **Layers** tab from the bottom right task pane. You may need to click the right arrow if the **Layers** tab is not visible.
3. Click **layer 1** on the **Layers** task pane.

The layer should be highlighted in blue on the workspace.



- With the layer highlighted, click the **CSS Properties** tab (which can be found on the left side of the window beside the **Tag Properties** task pane tab). Change the properties listed in the following table to the values specified. This will make your layer fit the header image perfectly.

Property	Value
height	80px
width	800px
left	0px
top	0px



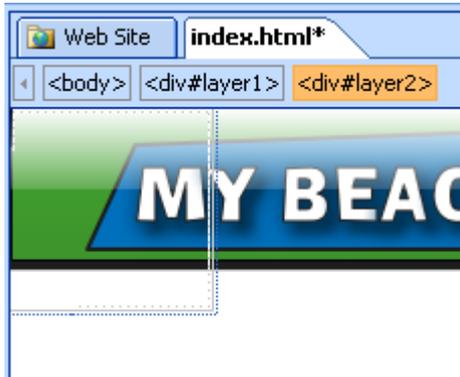
- On the **File** menu, click **Save**.



Task 3: Add another layer and hero image

Use the toolbox to add another layer and will insert a hero image into that layer.

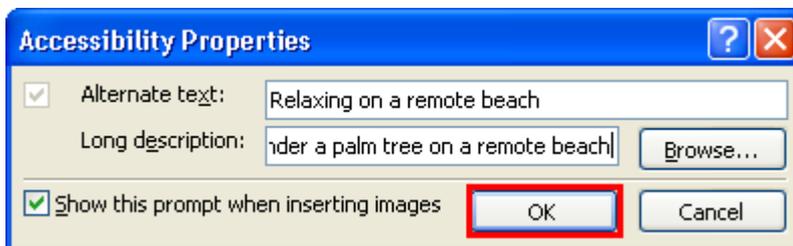
1. In the **Toolbox**, double click **Layer**.
2. Click inside the new layer to place the cursor within the layer.



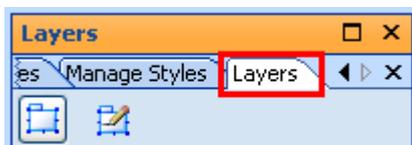
3. On the **Insert** menu, point to **Picture** and click **From File**.
4. In the **Picture** dialog box, navigate to the **Resources** folder in your Web site and select **beach_hero.jpg**.
5. Click **Insert** to add the picture to your site.
6. In the **Accessibility Properties** dialog, change the properties listed in the following table to the values specified and click **OK**.

Note: To open the Accessibility Properties dialog box in **Design** view, right-click the picture and click **Picture Properties**.

Property	Value
Alternate text	Relaxing on a remote beach
Long description	Relaxing under a palm tree on a remote beach

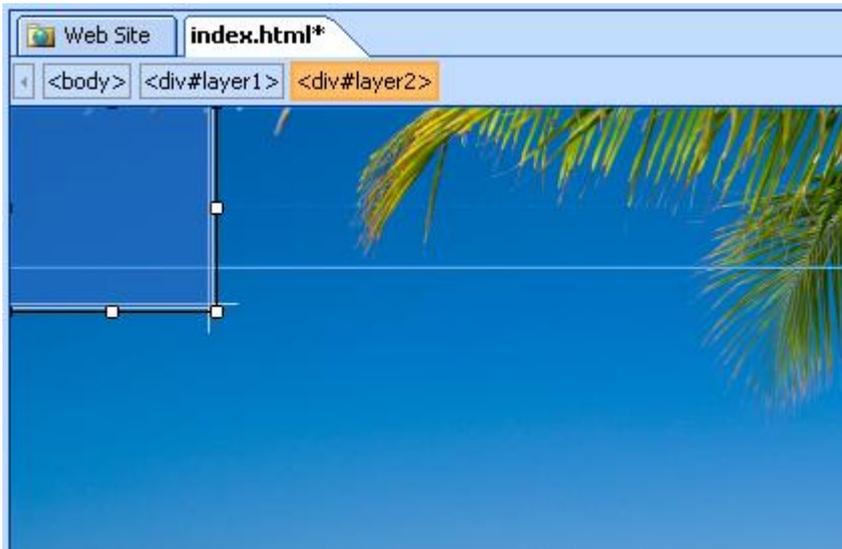


7. Select the **Layers** tab from the bottom-right task pane.



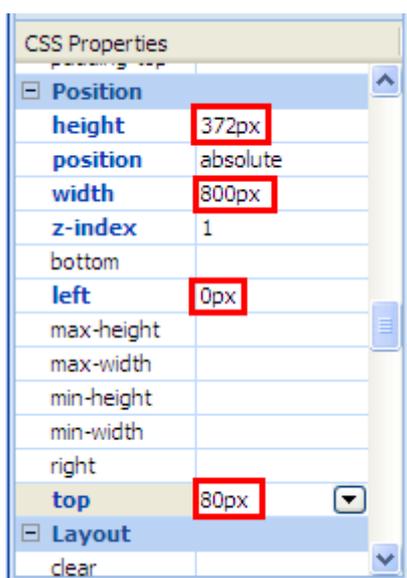
- Click **layer 2** on the **Layers** task pane.

The layer should be highlighted in blue on the workspace.

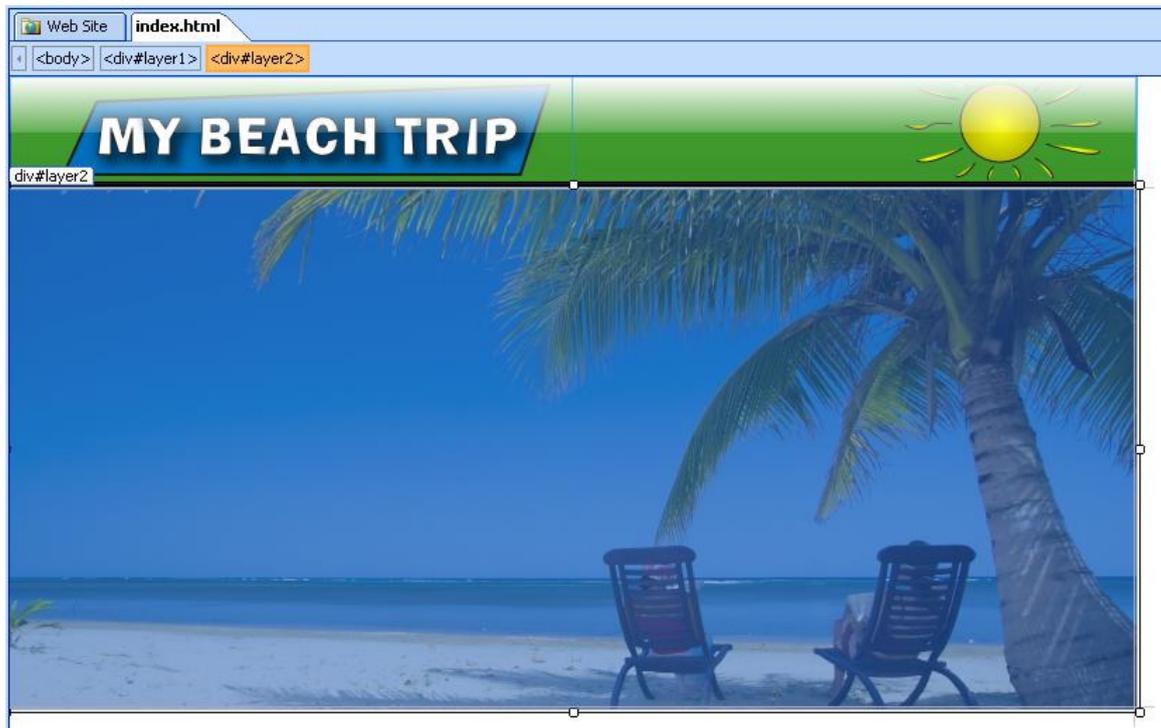


- With the layer highlighted, click the **CSS Properties** tab and change the properties listed in the following table to the values specified. This will make your layer fit the header image perfectly.

Property	Value
height	372px
width	800px
left	0px
top	80px



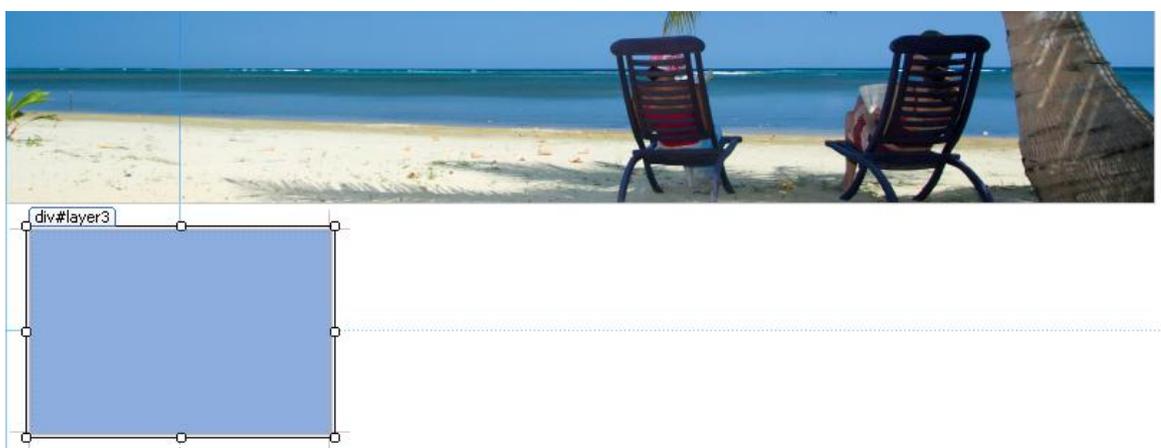
9. On the **File** menu, click **Save**.
10. In the **Save Embedded Files** dialog, click **OK**.



Task 4: Add text to a layer

You will add two more layers to contain the Web site's navigation links and the home page text content.

1. In the **Toolbox**, click **Layer** and drag it onto the page.
2. Position the layer below the left side of the hero image and make it a bit bigger. Use the following screenshot as a guide.



3. Minimize Expression Web and navigate to the **Resources** folder using Windows Explorer.

4. Open the Word file named **Text content for Beach Trip Web Site**.
5. Copy the four lines of text under the word **Menu** from the Word document.

Text content for Beach Trip Website

Menu:

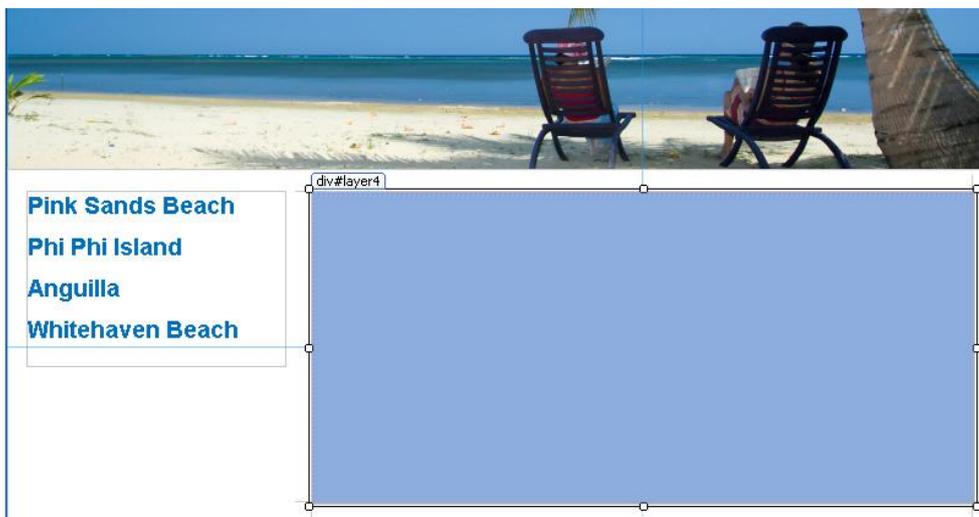
Pink Sands Beach
Phi Phi Island
Anguilla
Whitehaven Beach

6. Maximize Expression Web and click inside **layer 3** (the layer you just created) to place your cursor inside the layer.
7. Paste the text into this layer.

Pink Sands Beach
Phi Phi Island
Anguilla
Whitehaven Beach



8. Add another layer to the page using the **Toolbox**.
9. Position the layer next to **layer 3** and make it wider. Use the following screenshot as a guide.



10. Minimize Expression Web and maximize the Word file named **Text content for Beach Trip Web Site**.

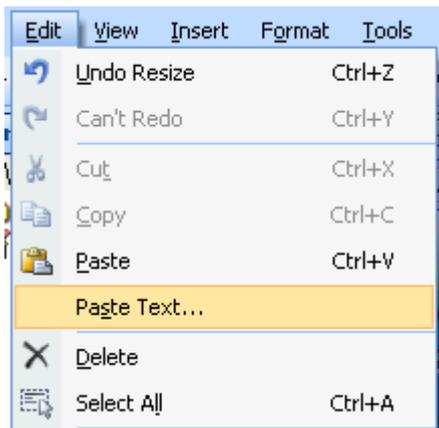
11. Copy the paragraphs labeled **Page 1 text** and switch back to Expression Web.

Page 1 text:

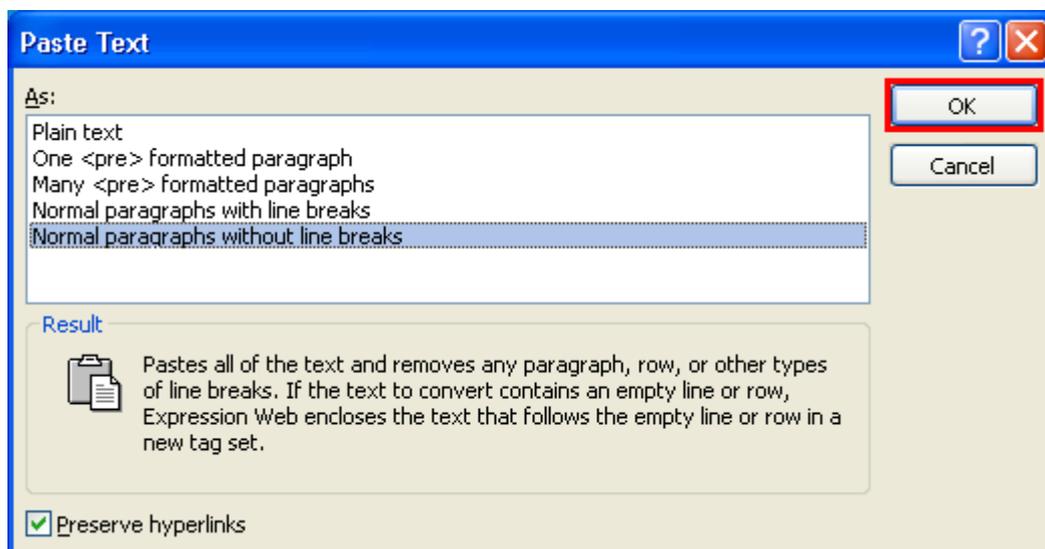
I have chosen four beach destinations for my ideal trip because the sun makes me happy and I love going to the beach. It was virtually impossible to pick only 4 great beach destinations for my trip, but I think this trip will give me a good idea of the different beaches in the world.

These destinations are great places to disappear with a towel, lots of sunscreen, and a good book for a memorable and relaxing vacation. Enjoy!

12. Click to place your cursor in **layer 4**.
13. On the **Edit** menu, click **Paste Text**.



14. In the **Paste Text** dialog, select **Normal paragraphs without line breaks** and click **OK**.

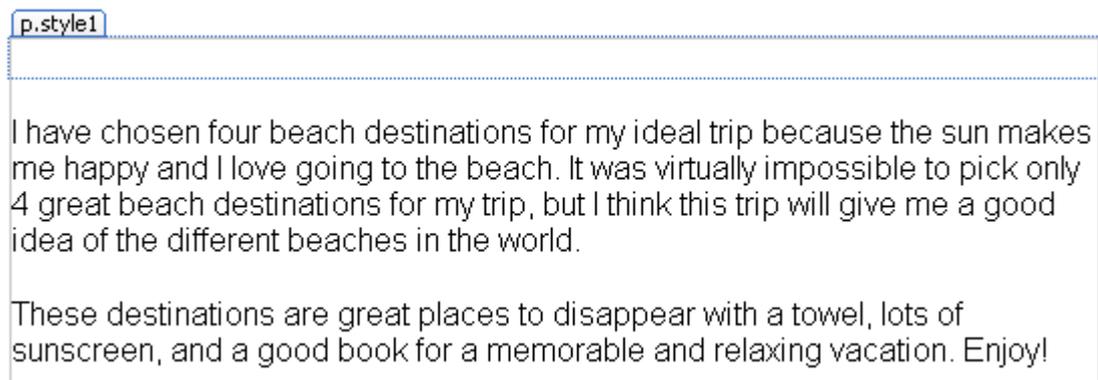


15. Highlight the text that you just pasted and select **Arial, Helvetica, sans-serif** from the font dropdown.

Note: You are selecting a font family because some people who are using your Web site may not have a font installed on their computer. In this case, if a viewer does not have Arial installed on their computer they will see Helvetica instead.



16. Click in the top-left corner of **layer 4** and move the cursor to the top left using the arrows on your keyboard.
17. Press the **Return/Enter** key on your keyboard.
18. Press the **Up Arrow** key on your keyboard to place the cursor on the top line of the layer.



19. Type **About My Trip**.

20. On the **File** menu, click **Save**.



The screenshot shows a web browser window with a page titled "MY BEACH TRIP". The page has a green header with a sun icon on the right. Below the header is a large image of a tropical beach with two lounge chairs under a palm tree. The page content is organized into two columns. The left column contains a list of beach destinations, and the right column contains an "About My Trip" section with two paragraphs of text.

Pink Sands Beach
Phi Phi Island
Anguilla
Whitehaven Beach

About My Trip

I have chosen four beach destinations for my ideal trip because the sun makes me happy and I love going to the beach. It was virtually impossible to pick only 4 great beach destinations for my trip, but I think this trip will give me a good idea of the different beaches in the world.

These destinations are great places to disappear with a towel, lots of sunscreen, and a good book for a memorable and relaxing vacation. Enjoy!

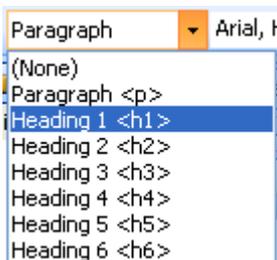
Exercise 3: Styling Your Web Site Using CSS

Scenario: Use cascading style sheets (CSS) to format headline styles, position layers, and align images. At the end of the exercise you will preview the page in a browser.

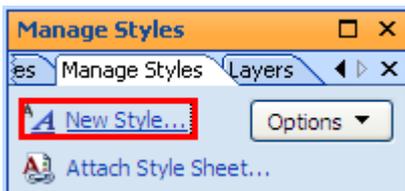
Task 1: Format the headline style

Format the **h1** headline style using CSS. **<h1>** is a preset tag that automatically formats the selected text to a set size and bold. Using this and other text tags saves the designer time while keeping the styles throughout a site uniform.

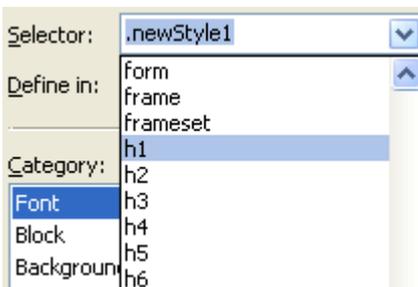
1. Click and drag to select the **About My Trip** headline text.
2. Select **Heading 1 <h1>** from the **Style** dropdown menu. The text should automatically resize and become bold.



3. Click **New Style** in the **Apply Styles** or **Manage Styles** task panes (lower-right corner.)



4. In the **New Style** dialog, select **h1** from the **Selector** dropdown menu.



- With the **Font** category open, change the properties listed in the following table to the values specified. This will allow you to change the way your **<h1>** tag appears.

Property	Value
font-family	Arial, Helvetica, sans-serif
font-size	16px

Category:

- Font
- Block
- Background

font-family:

font-size: px

text-decoration:

- Click **OK** to save the style. Your header should automatically change to reflect the new header style.
- On the **File** menu, click **Save**.

<body> <div#layer4> <h1>



MY BEACH TRIP



- [Pink Sands Beach](#)
- [Phi Phi Island](#)
- [Anguilla](#)
- [Whitehaven Beach](#)

About My Trip

I have chosen four beach destinations for my ideal trip because the sun makes me happy and I love going to the beach. It was virtually impossible to pick only 4 great beach destinations for my trip, but I think this trip will give me a good idea of the different beaches in the world.

These destinations are great places to disappear with a towel, lots of sunscreen, and a good book for a memorable and relaxing vacation. Enjoy!

Task 2: Position layers using CSS

Position layers 3 and 4 using the **CSS properties** task pane so they are aligned on the horizontal axis.

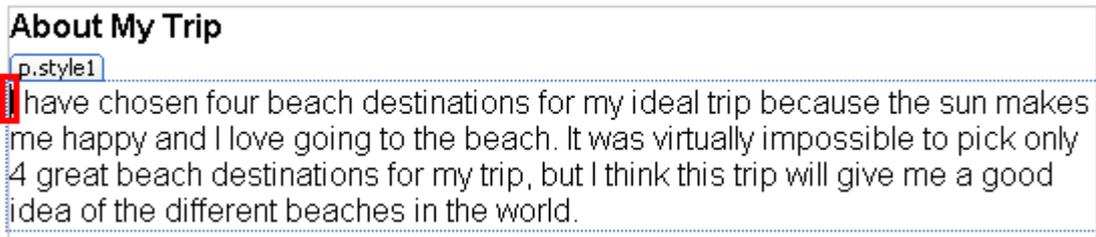
1. Select **layer 3** using the **Layers** task pane or by clicking it in the workspace.
2. With the layer highlighted, click the **CSS Properties** tab and enter **465px** in the **Top** field.
3. Select **layer 4** and repeat step 2. This will align the tops of both layers.
4. On the **File** menu, click **Save**.



Task 3: Use CSS to align an image

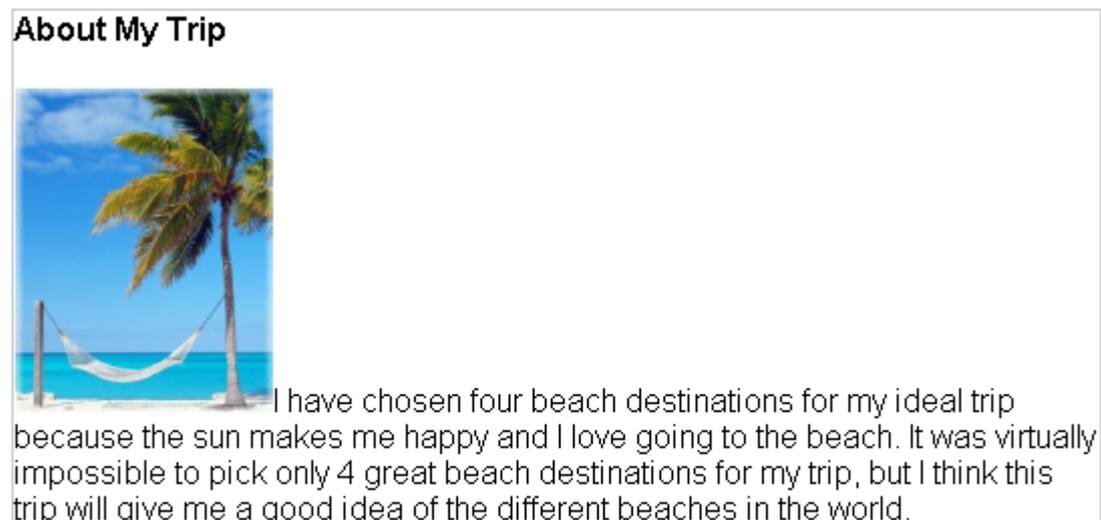
Add an image to layer 4 and align it by creating a CSS style.

1. Click to place your cursor at the beginning of the first paragraph in **layer 4**, just before the words “I have chosen four beach...” You may need to use the arrow keys to accurately position the cursor exactly at the beginning of the text.



2. On the **Insert** menu, point to **Picture** and click **From File**.
3. Select the image called **hammock.jpg** and click **Insert**.
4. In the **Accessibility Properties** dialog, change the properties listed in the following table to the values specified and click **OK**.

Property	Value
Alternate text	Hammock on the beach
Long description	A hammock and palm tree in the Bahamas

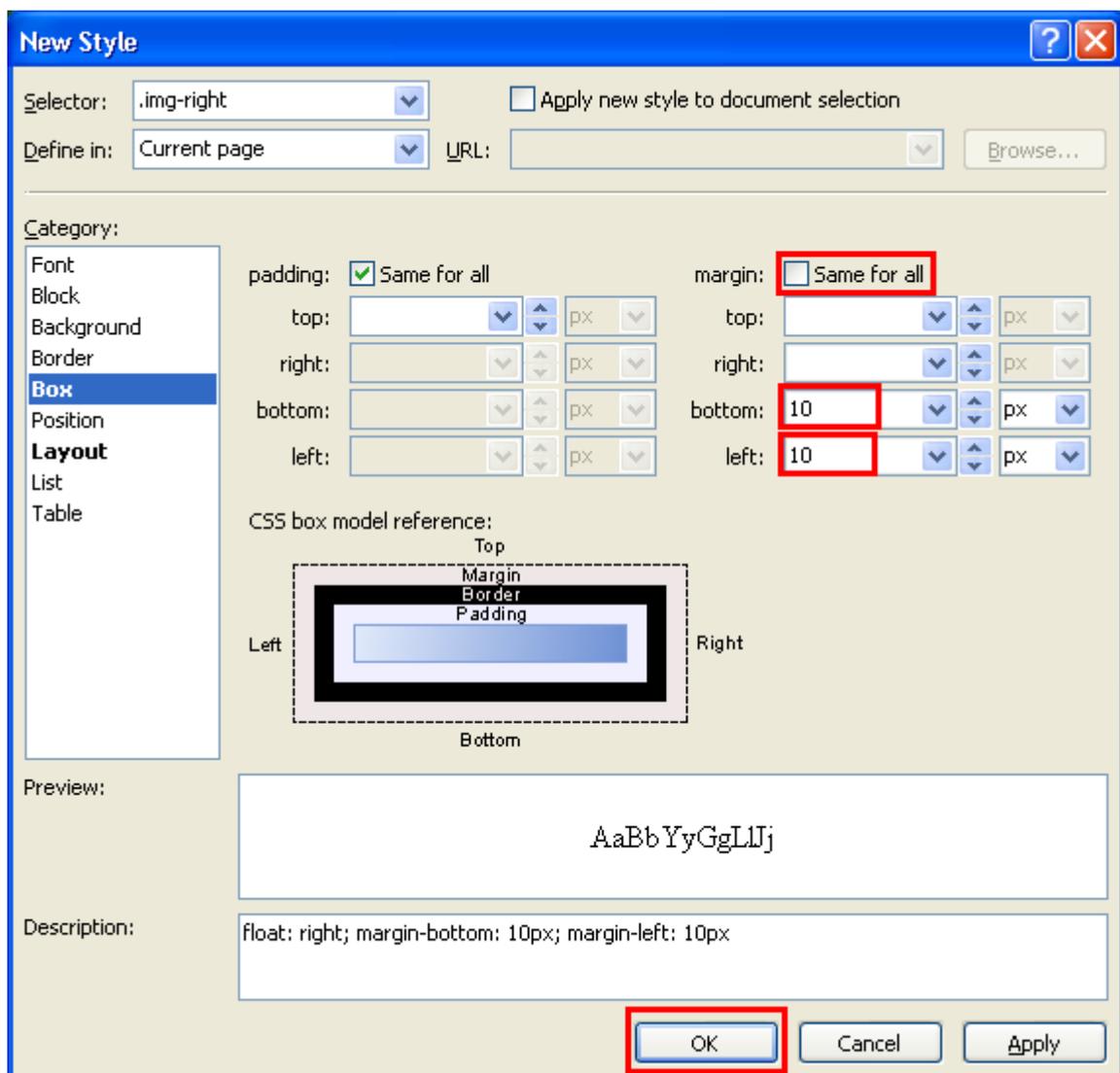


These destinations are great places to disappear with a towel, lots of sunscreen, and a good book for a memorable and relaxing vacation. Enjoy!

5. Click **New Style** in the **Apply Styles** or **Manage Styles** task panes (lower-right corner.)

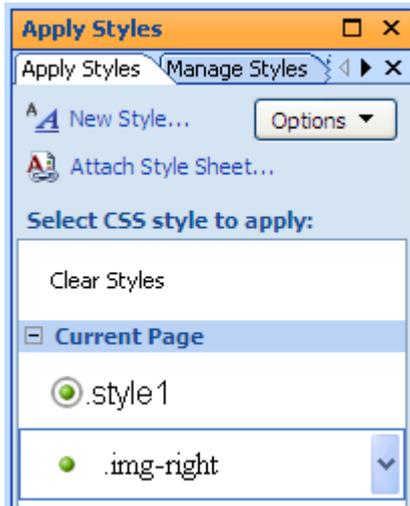
6. In the **New Style** dialog, enter **.img-right** in the **Selector** field.
Note: All class styles must begin with a dot or period.
7. Select the **Layout** category and set **Float** to **Right**. This will justify your image to the right side of the layer.
8. Select the **Box** category and change the properties listed in the following table to the values specified. This will create a little breathing room around your image so that the text does not bump right up against the picture.

Property	Value
Margin: Same for all	Unchecked
Margin: bottom	10px
Margin: left	10px



9. Click **OK** to create the new style.
10. Click the small image of the hammock that you just inserted into **layer 4**.
11. In the **Apply Styles** task pane, click to select the **.img-right** style.

The image should align to the right and the text should wrap around to the left with 10 pixels of margin on the left and bottom of the image.



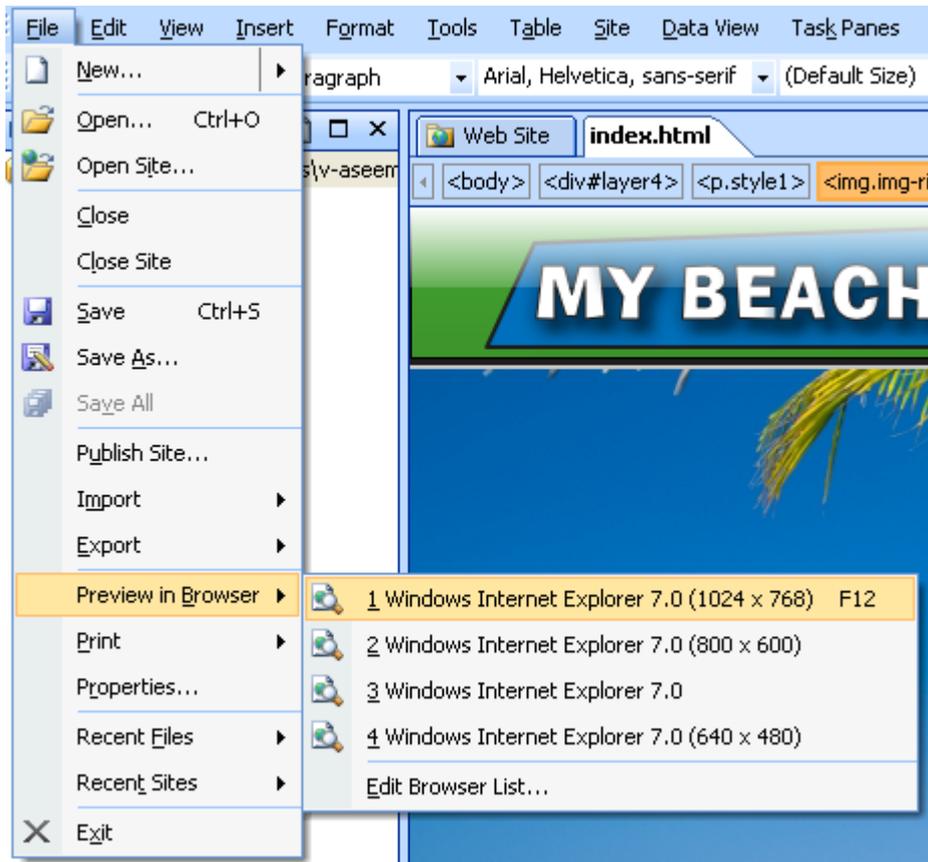
12. On the **File** menu, click **Save**.
13. In the **Save Embedded Files** dialog, click **OK**.



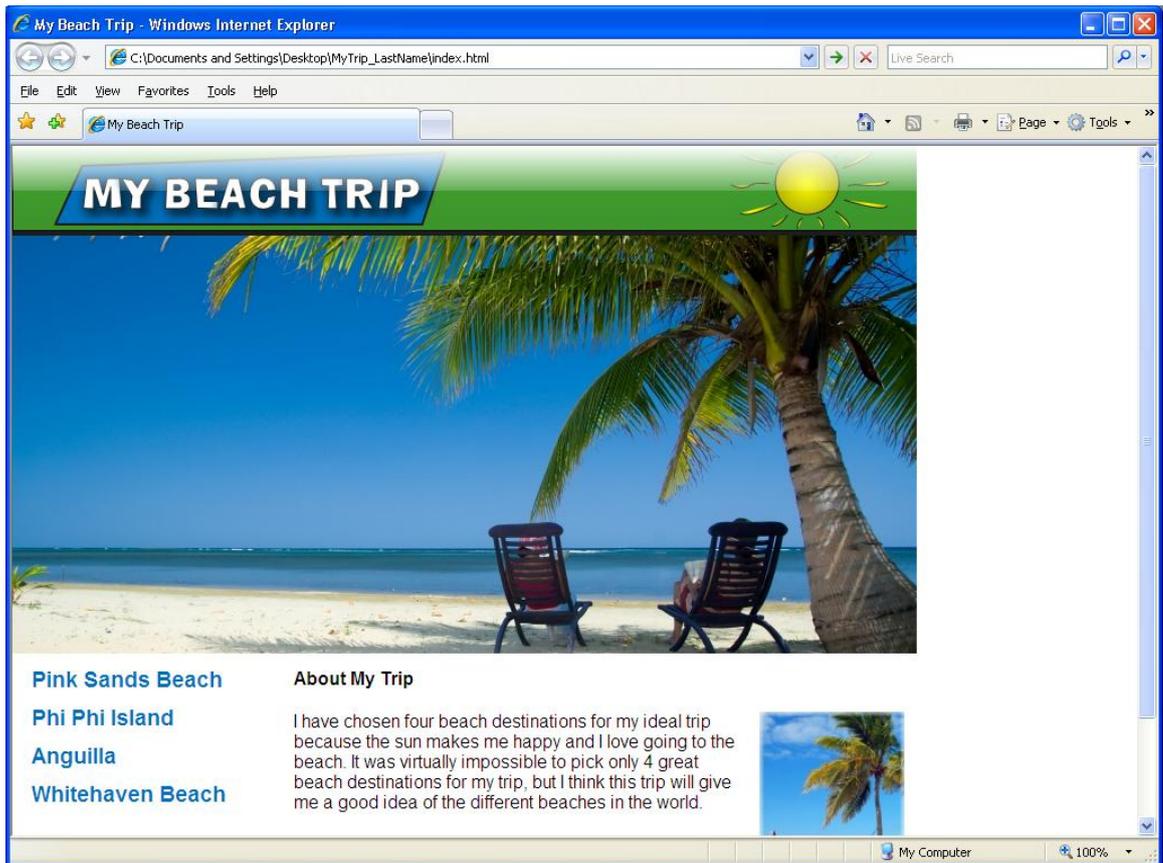
Task 4: Preview the Page in a Browser

Use a Web browser to preview the page and to see it as a visitor to the published site will see it.

1. On the **File** menu, click **Save**. You cannot preview an unsaved page.
2. On the **File** menu, point to **Preview in Browser** and click **Windows Internet Explorer 7.0 (1024 X 768)** (or whatever browser you have installed on your computer.)



3. Take a look at your page and close the browser window.



Exercise 4: Creating More Pages

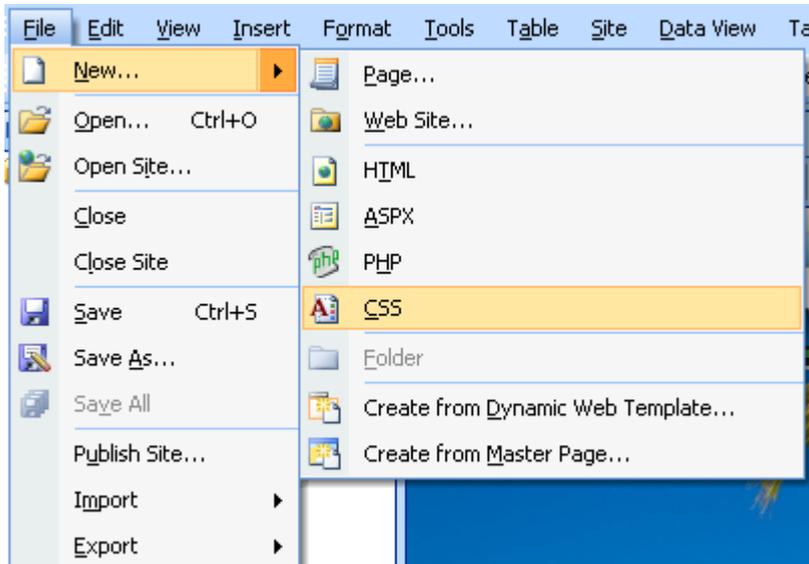
Scenario: Create the internal pages of your Web site using a Dynamic Web Template and style the pages using an external CSS file. Dynamic Web Templates serve as a master for the pages that contain many of the same elements and share a basic design. A DWT contains the elements that are to be the same on many pages and “editable” regions that can contain unique content on pages created from the template. External Style Sheets contain the specific styling instructions for fonts, borders, and other page elements. This “style sheet” can be attached to any number of pages so that the styles are easily applied to any page in the site. These two techniques allow Web designers to create sites that look professional because they are consistent from page to page.

Task 1: Create an external style sheet

It is common to change the look of the text or the layout of your content from the standard tag selections available in Expression Web. You could create styles for each page in your site, or you can create external style sheets and use the same styles across many pages. Obviously, the latter is the most efficient choice. In order to make changes to styles on many pages, you will create an external style sheet.

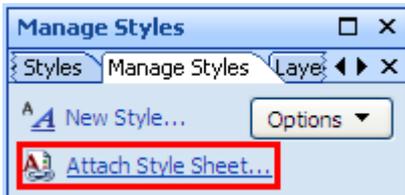
1. On the **File** menu, point to **New** and click **CSS**.

A blank page will open. **DO NOT** add anything to the page.

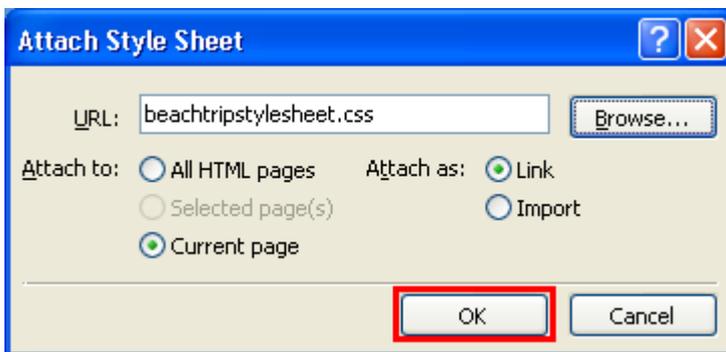


2. On the **File** menu, click **Save**.
3. In the **Save As** dialog, enter **beachtriptstylesheet.css** into the **File Name** field and click **Save**.
4. Click the **index.html** tab to go back to your home page.

- Click **Attach Style Sheet** in the **Apply Styles** or **Manage Styles** task panes (lower-right corner.)

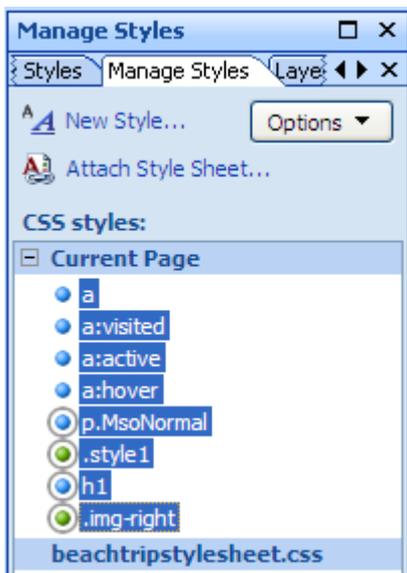


- In the **Attach Style Sheet** dialog, click the **Browse** button.
- In the **Select Style Sheet** dialog, select **beachtripstylesheet.css** from your Web site folder and click **Open**.
- In the **Attach Style Sheet** dialog, click **OK** to attach the style sheet.



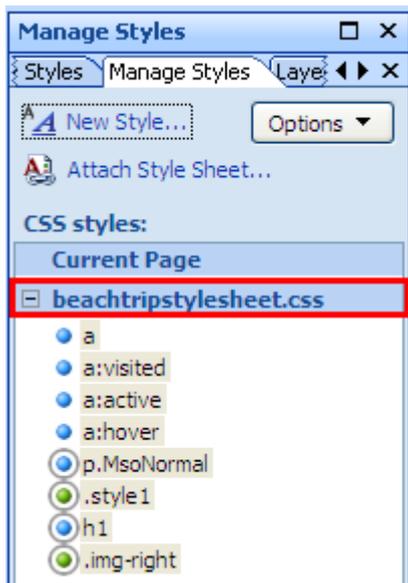
- In the **Manage Styles** task pane, click the first style (**a**) and then click the last style (**.img-right**) while holding **Shift** on your keyboard.

This should highlight all the styles in the **Current Page** category.

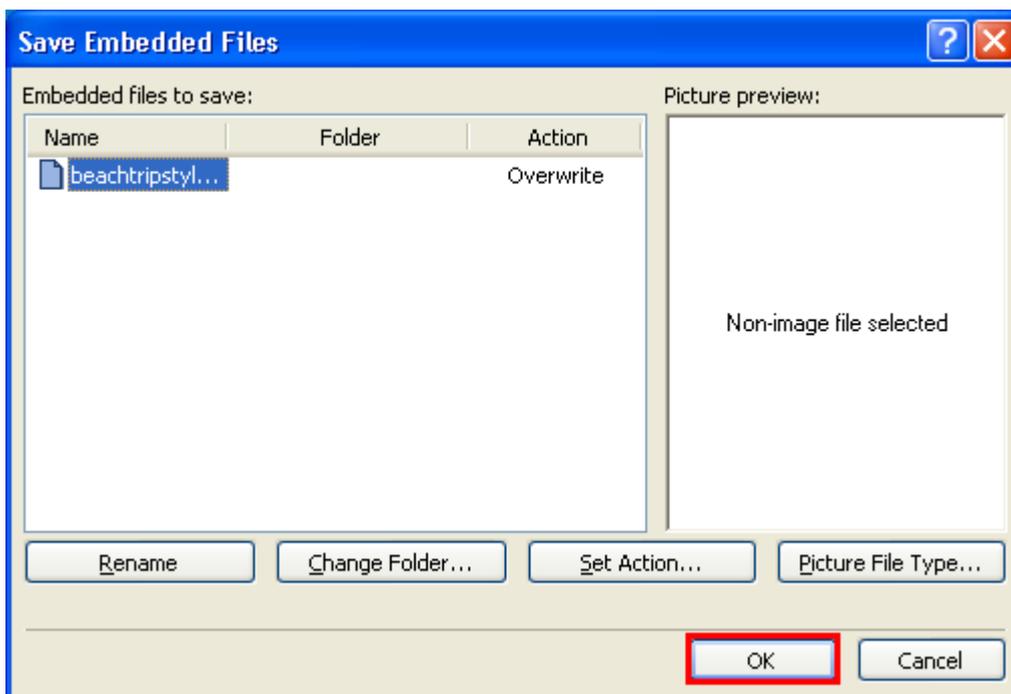


- Drag all of the selected styles to the **beachtripstylesheet.css** category.

This will move all of your styles from the home page into the external style sheet.



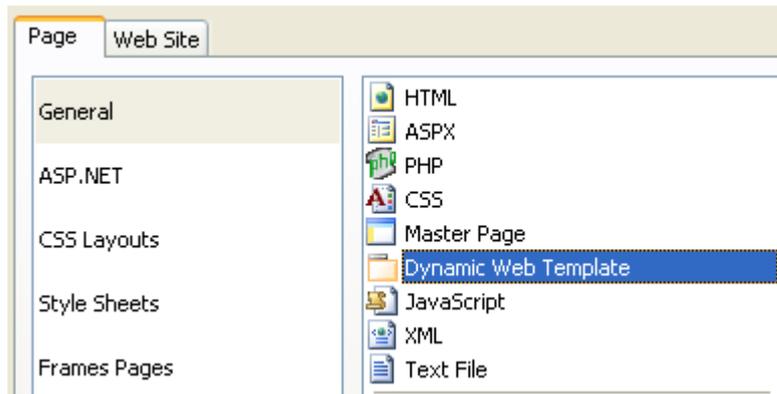
11. On the **File** menu, click **Save**.
12. In the **Save Embedded Files** dialog, click **OK**.



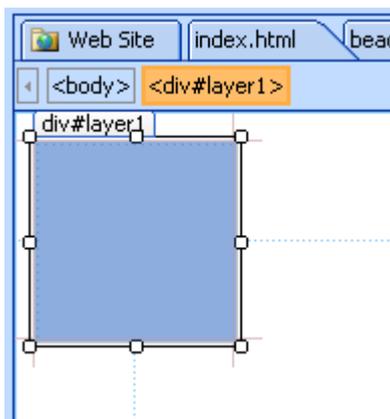
Task 2: Create a Dynamic Web Template

Create a Dynamic Web Template to apply the same layout across many pages.

3. On the **File** menu, point to **New** and click **Page**.
4. In the **New** dialog box, click **General** and then click **Dynamic Web Template** and click **OK**.



5. On the **File** menu, click **Save As**.
6. In the **Save As** dialog, enter **contentPageTemplate** in the **File Name** field and click **Save**.
A file name extension, **.dwt**, will be added automatically when you save the file.
7. Click in the layer that is already on the page and press **Delete**.
8. In the **Toolbox**, click **Layer** and drag it onto the page.
9. Click the layer to highlight it.



- With the layer highlighted, click the **CSS Properties** tab and change the properties listed in the following table to the values specified.

Property	Value
height	80px
width	800px
left	0px
top	0px

- Click inside the new layer to place the cursor within the layer.
- On the **Insert** menu, point to **Picture** and click **From File**.
- In the **Picture** dialog box, navigate to the **Resources** folder in your Web site and select **BeachTripHeader.png**.
- Click **Insert** to add the picture to your site.
- In the **Accessibility Properties** dialog, change the properties listed in the following table to the values specified and click **OK**. This will help users and search engines know what the picture is.

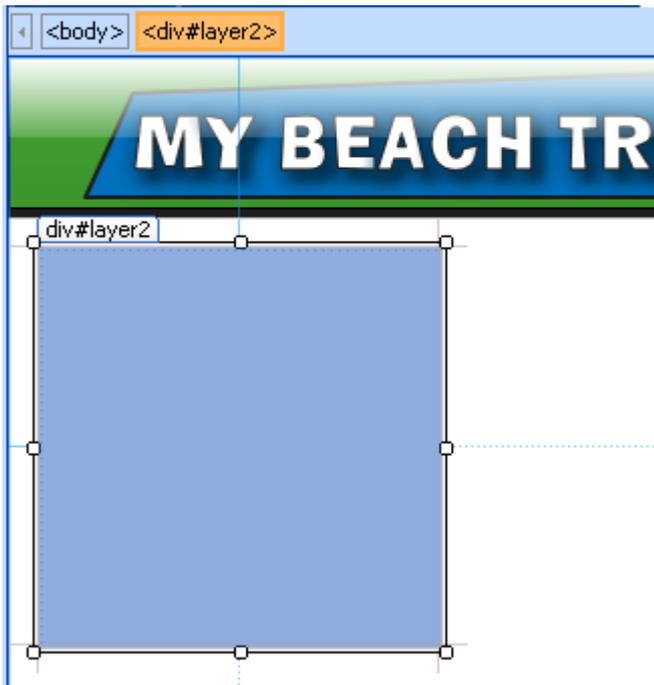
Property	Value
Alternate text	My Beach Trip header
Long description	My Beach Trip text with a sun on the right

- In the **Toolbox**, double click **Layer**. You should now have two layers on the page.
- Click **layer 2** to highlight it.



18. With the layer highlighted, click the **CSS Properties** tab and change the properties listed in the following table to the values specified.

Property	Value
height	200px
width	200px
left	15px
top	95px



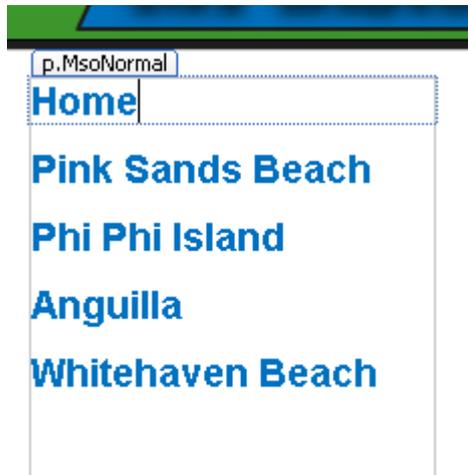
19. Navigate to your home page (**index.html**) using the **Folder List** or the page tabs.
 20. Select and copy the four lines of text in **layer 3**.



21. Navigate back to your Dynamic Web Template (**contentPageTemplate.dwt**) and paste the text in **layer 2**.

22. Add the word **Home** on a new line at the top of the layer.

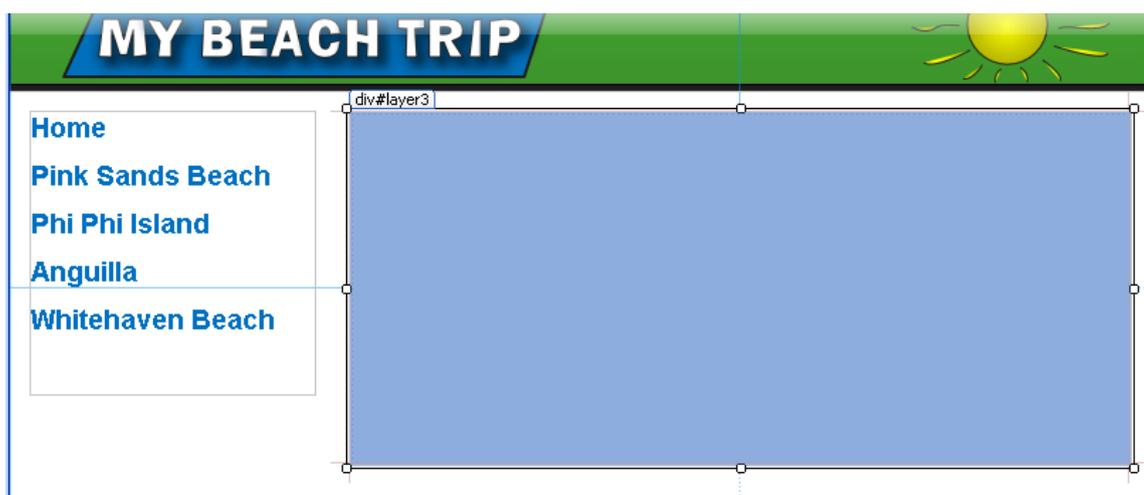
Note: All of the items added so far will be exactly the same for every page made from this Dynamic Web Template.



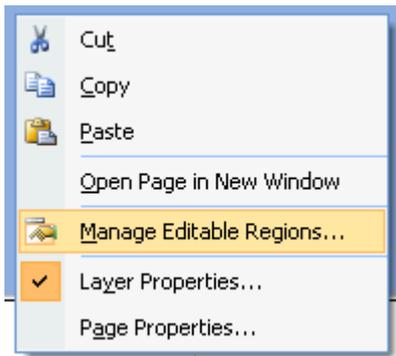
23. Add another layer to the Dynamic Web Template using the **Toolbox**.

24. With the layer highlighted, click the **CSS Properties** tab and change the properties listed in the following table to the values specified.

Property	Value
height	250px
width	550px
left	240px
top	95px

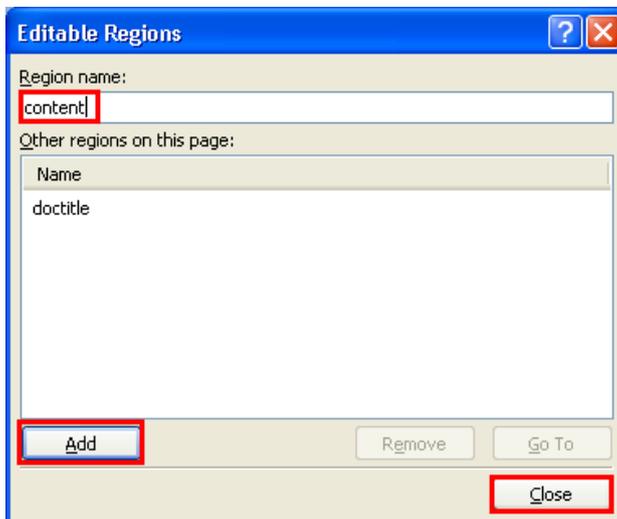


25. Right-click the new layer (**layer 3**) and select **Manage Editable Regions**.



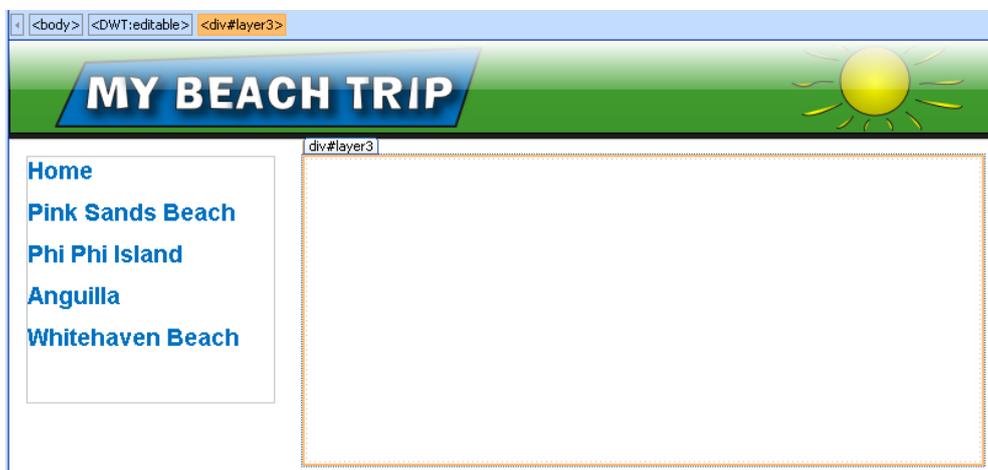
26. In the **Editable Regions** dialog box, enter **content** into the **Region name** field, click **Add**, and then click **Close**.

This will allow you to edit this layer on pages that you create using the Dynamic Web Template.



27. On the **File** menu, click **Save**.

28. In the **Save Embedded Files** dialog, click **OK**.



Task 3: Attach a style sheet to the Dynamic Web Template

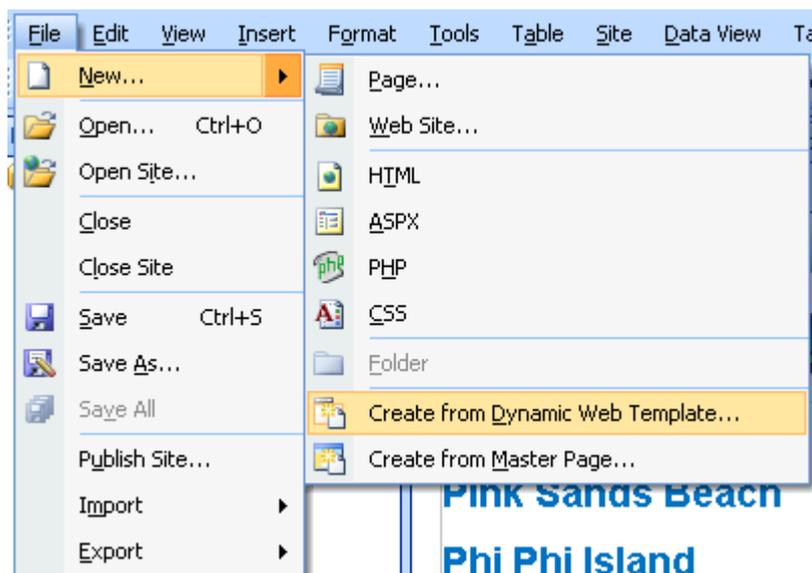
Before you create any additional pages using the Dynamic Web Template, you need to attach the external style sheet you created with the style modifications on the home page. After it is attached, all of the tags, such as the link colors, heading, and image alignments, will apply to each page made from this Dynamic Web Template.

1. Open the Dynamic Web Template (**contentPageTemplate.dwt**) from the tabs at the top of the work area or from the **Folder List**.
2. Click **Attach Style Sheet** in the **Apply Styles** or **Manage Styles** task panes (lower-right corner.)
3. In the **Attach Style Sheet** dialog box, click the **Browse** button.
4. In the **Select Style Sheet** dialog box, select **beachtripstylesheet.css** from your Web site folder and click **Open**.
5. In the **Attach Style Sheet** dialog box, click **OK** to attach the style sheet.
6. On the **File** menu, click **Save**.

Task 4: Create internal pages using the Dynamic Web Template

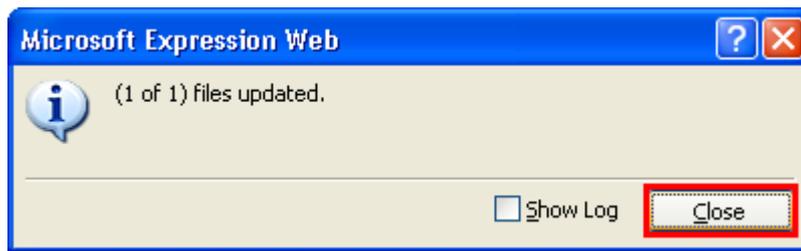
Now that you have a Dynamic Web Template created with some areas that cannot be changed and other areas that can be changed, you are ready to create the remaining four pages of the site. Every page you create from this Dynamic Web Template will have all of the elements of the DWT, and you will be able to add different content to each page in the content area.

1. On the **File** menu, point to **New** and click **Create from Dynamic Web Template**.



2. In the **Attach Dynamic Web Template** dialog box, select **contentPageTemplate.dwt** from your Web site folder and click **Open**.

3. Click **Close** on the **Microsoft Expression Web** dialog box.



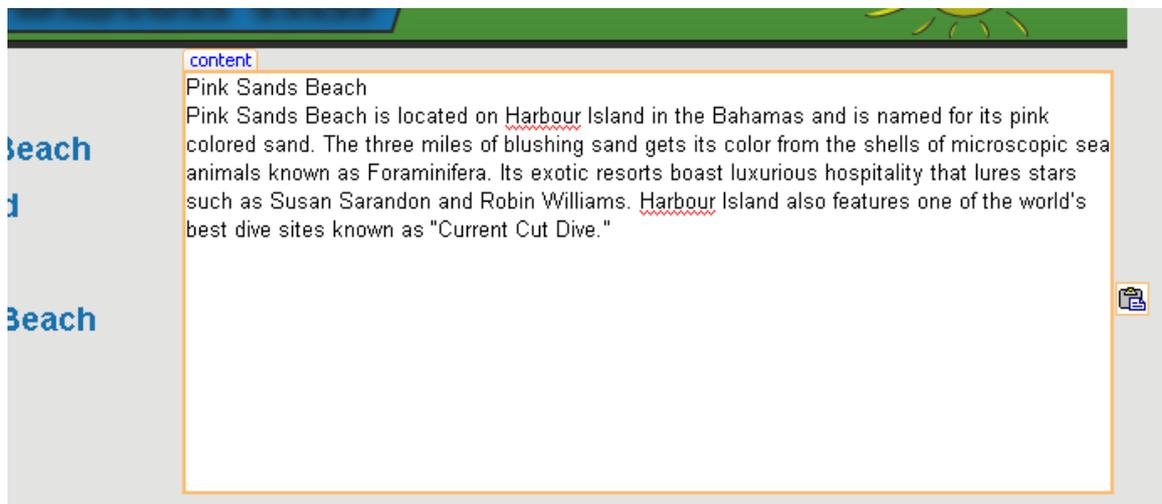
4. Open the Word file named **Text content for Beach Trip Web Site** from your resources folder.
5. Copy the text below the section labeled **page 2 text**.

page 2 text:

Pink Sands Beach

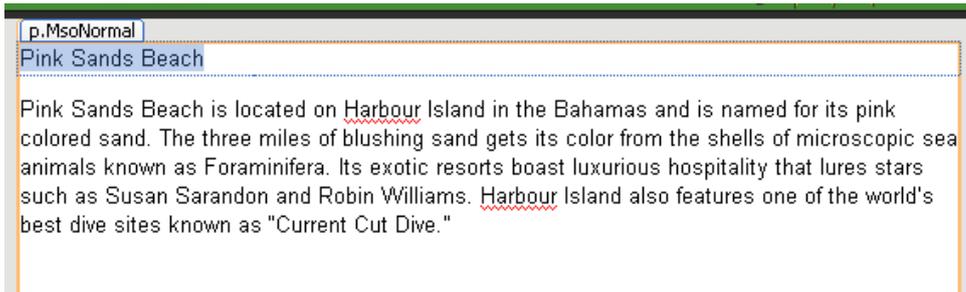
Pink Sands Beach is located on Harbour Island in the Bahamas and is named for its pink colored sand. The three miles of blushing sand gets its color from the shells of microscopic sea animals known as Foraminifera. Its exotic resorts boast luxurious hospitality that lures stars such as Susan Sarandon and Robin Williams. Harbour Island also features one of the world's best dive sites known as "Current Cut Dive."

6. Navigate back to Expression Web and click inside **layer 3** on the new page to make the cursor appear.
7. Paste the text.

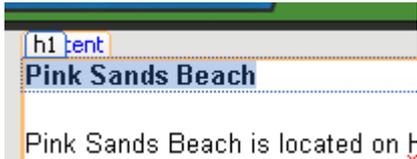


8. Place your cursor at the end of the first line in **layer 3** after the **h** in **Beach**.
9. Press **Enter** on your keyboard. This will identify the top line as a new paragraph.

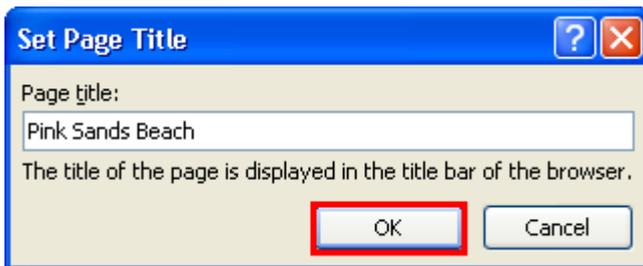
- Highlight **Pink Sands Beach** on the top line.



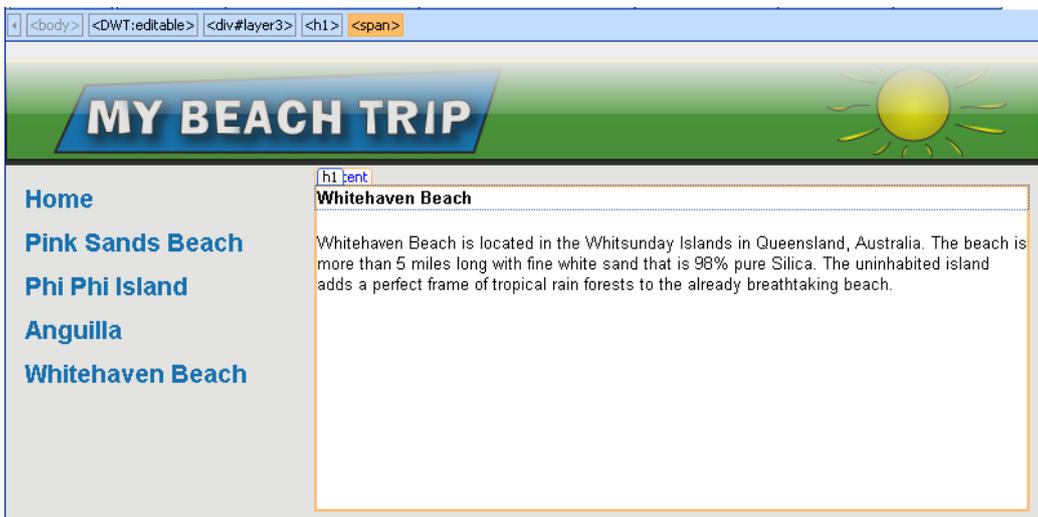
- Select **Heading 1 <h1>** from the pull-down choices in the **Common Toolbar** at top.



- On the **File** menu, click **Save**.
- In the **Save As** dialog box, click **Change title**.
- In the **Set Page Title** dialog box, enter **Pink Sands Beach** and click **OK**.



- In the **Save As** dialog box, enter **pink_sands** into the **File name** field and click **Save**.
- Repeat steps 1 through 15 three more times to create a new page for each of these beaches: Phi Phi Island, Anguilla, and Whitehaven Beach. Use the appropriate text from the **Text content for Beach Trip Web Site** Word document and save the page, using the appropriate name: **phi_phi**, **anguilla**, or **whitehaven**.



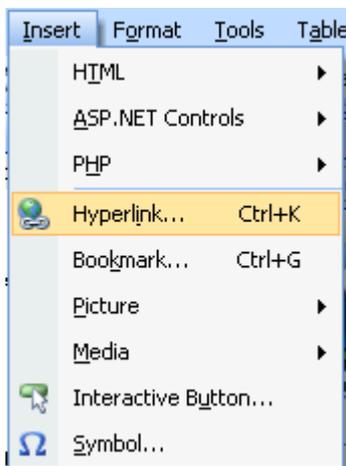
Exercise 5: Adding Navigation Controls to Your Site

Scenario: Add navigation to your Web site using links and interactive buttons.

Task 1: Create internal links

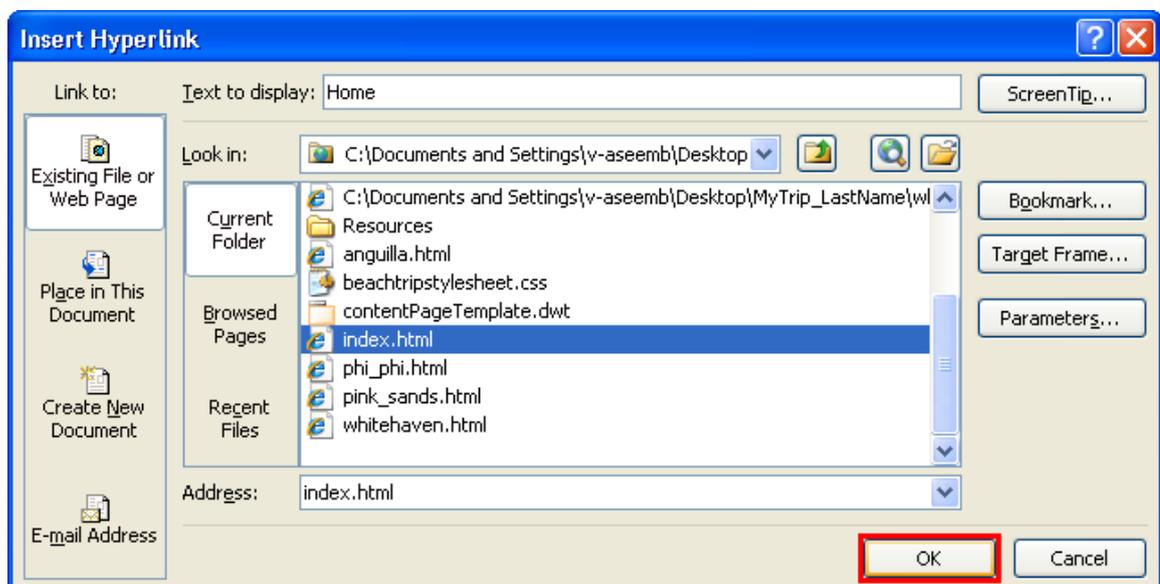
Now that you have all of the pages created, it is time to make the links functional. Whether you want to create links to pages in your own site or to another Web site on the Internet, creating links with Expression Web is an easy process.

1. Open the Dynamic Web Template (**contentPageTemplate.dwt**) from the tabs at the top of the work area or from the **Folder List**.
2. Highlight **Home** on the top line of **layer 2**.
3. On the **Insert** menu, click **Hyperlink**.

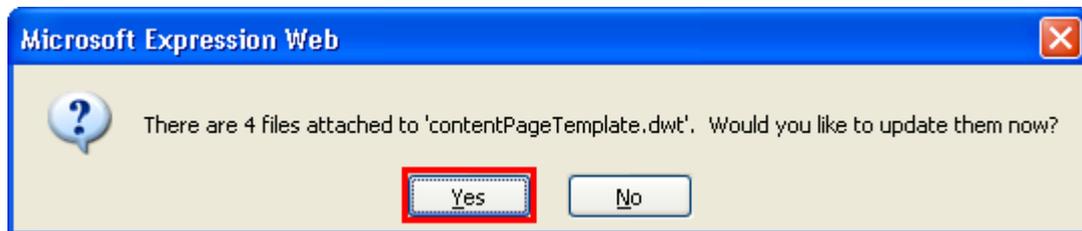


4. In the **Insert Hyperlink** dialog box, select **index.html** and click **OK**.

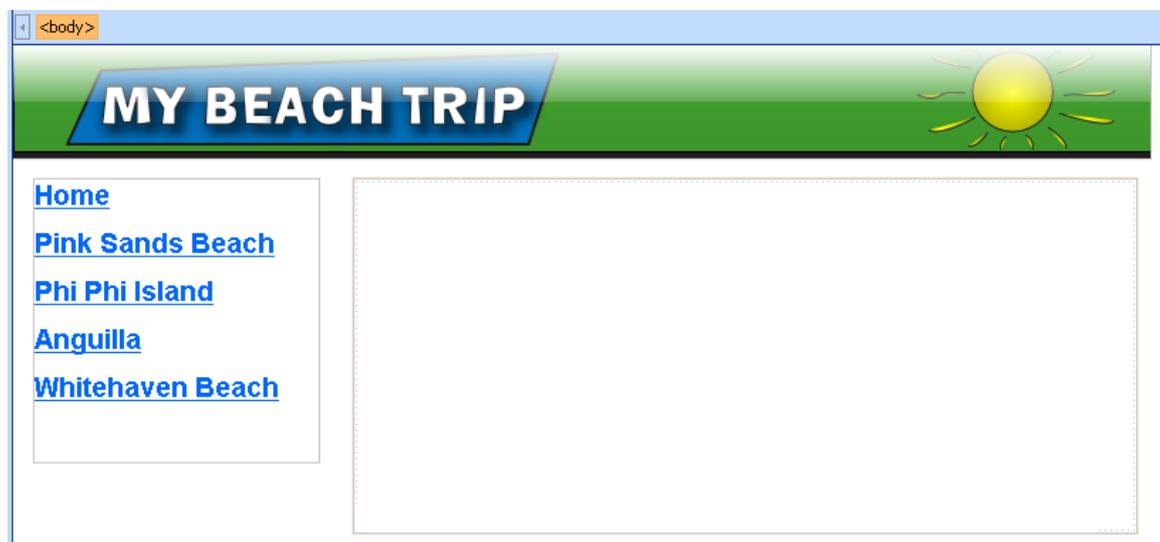
Note: You can also create links from pictures. Just select the graphic you wish to link from and follow the same steps.



- Repeat steps 2 to 4 for the remaining words in the menu: Pink Sands Beach, Phi Phi Island, Anguilla, and Whitehaven Beach. Be sure to select the correct HTML document for each link.
- On the **File** menu, click **Save**.
- In the **Microsoft Expression Web** dialog box, click **Yes**.



- In the next dialog box, click **Close**.

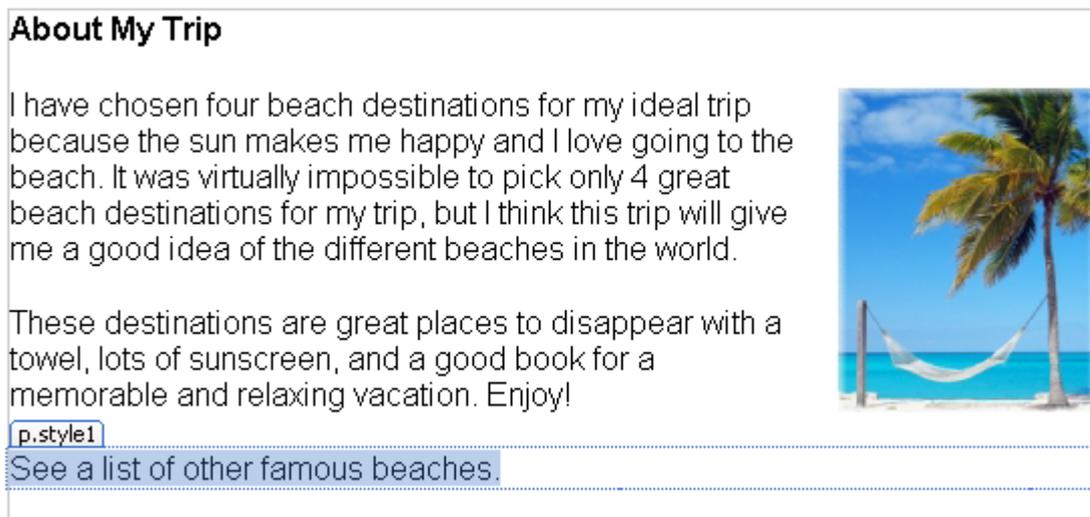


Task 2: Create an external link

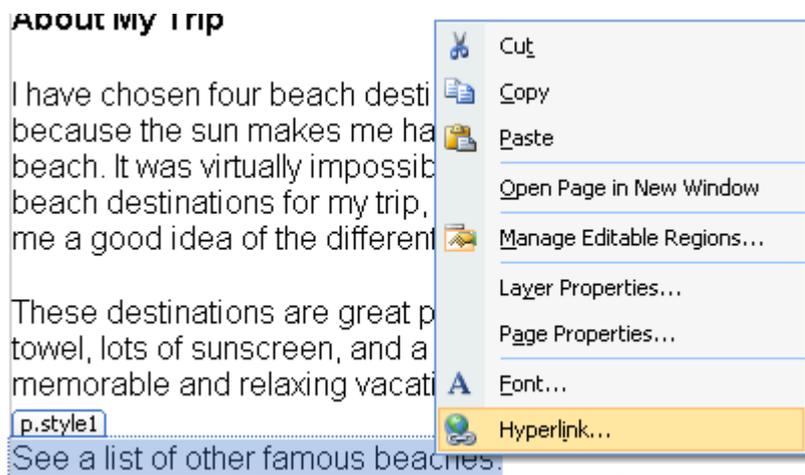
Create a link to another Web site on your home page.

- Open the home page (**index.html**) from the tabs at the top of the work area or from the **Folder List**.
- Place your cursor at the end of the last paragraph in **layer 4** and press **Enter**.

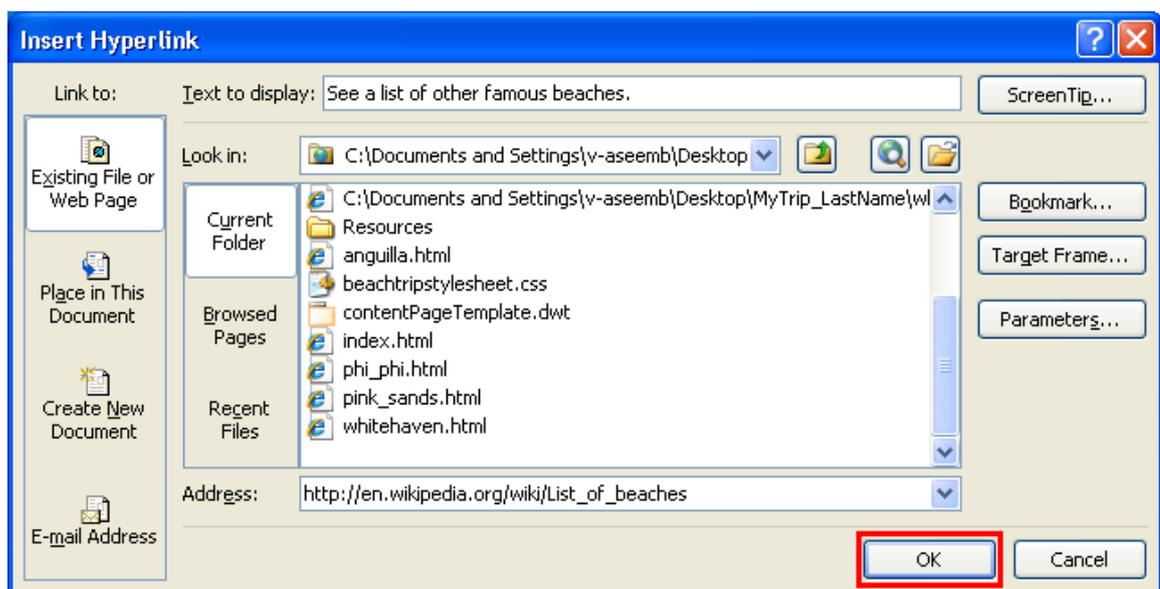
3. Enter the words **See a list of other famous beaches**. Highlight the words just entered.



4. Right-click the highlighted text and click **Hyperlink**.



5. Enter **http://en.wikipedia.org/wiki/List_of_beaches** in the **Address** field and click **OK**.



6. On the **File** menu, click **Save**.

<body> <div#layer4> <p.style1> <a>

MY BEACH TRIP



Pink Sands Beach
Phi Phi Island
Anguilla
Whitehaven Beach

About My Trip

I have chosen four beach destinations for my ideal trip because the sun makes me happy and I love going to the beach. It was virtually impossible to pick only 4 great beach destinations for my trip, but I think this trip will give me a good idea of the different beaches in the world.



These destinations are great places to disappear with a towel, lots of sunscreen, and a good book for a memorable and relaxing vacation. Enjoy!

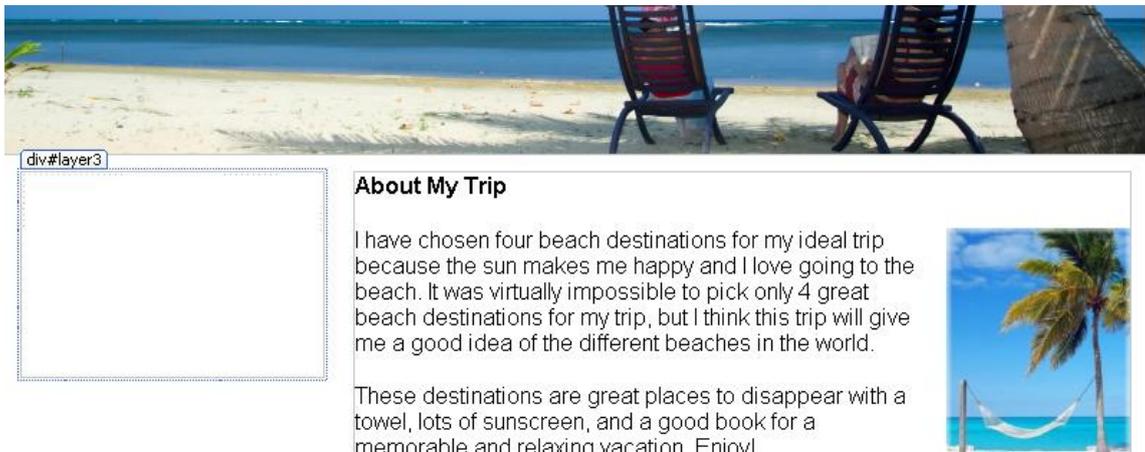
p.style1

[See a list of other famous beaches.](#)

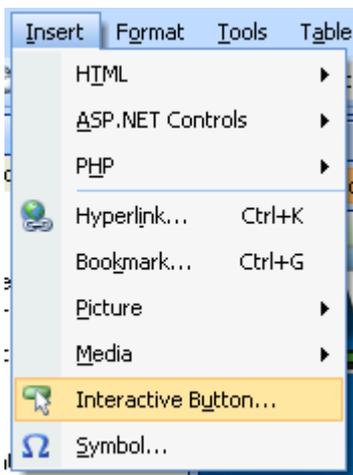
Task 3: Create interactive buttons

Create interactive buttons on your home page to make the navigation more attractive.

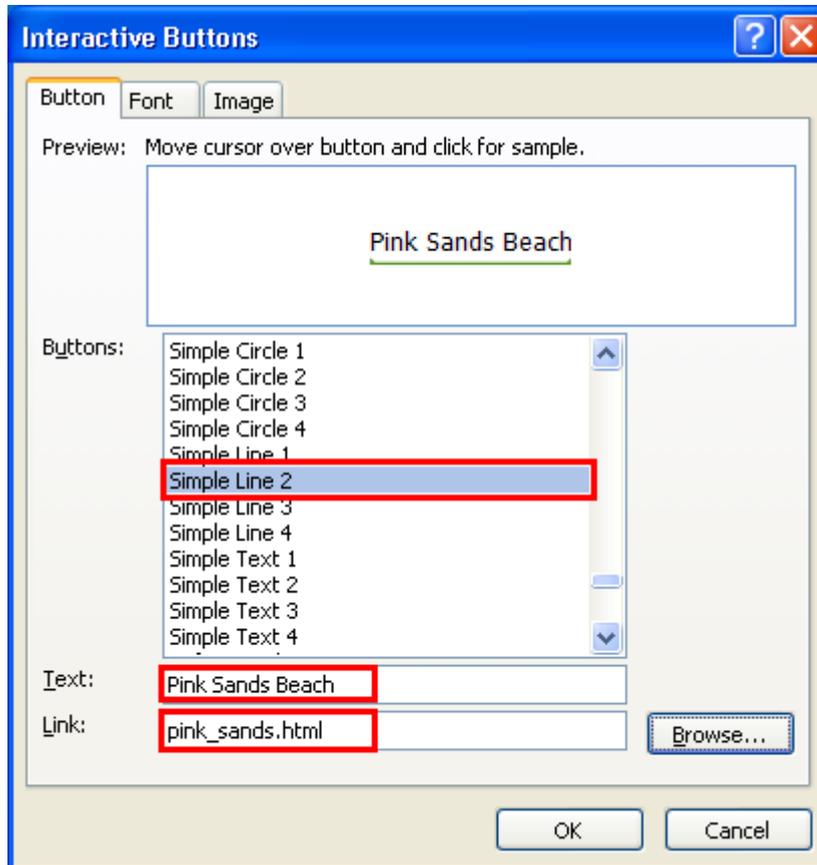
1. Open the home page (**index.html**) from the tabs at the top of the work area or from the **Folder List**.
2. Highlight the four lines of text in **layer 3** and press **Backspace** on your keyboard.
Make sure you don't delete the layer that the links were in. Your cursor should be in the top-left corner of this layer. If you delete too much, just press **control-Z** to undo the last change.



3. On the **Insert** menu, click **Interactive Button**.

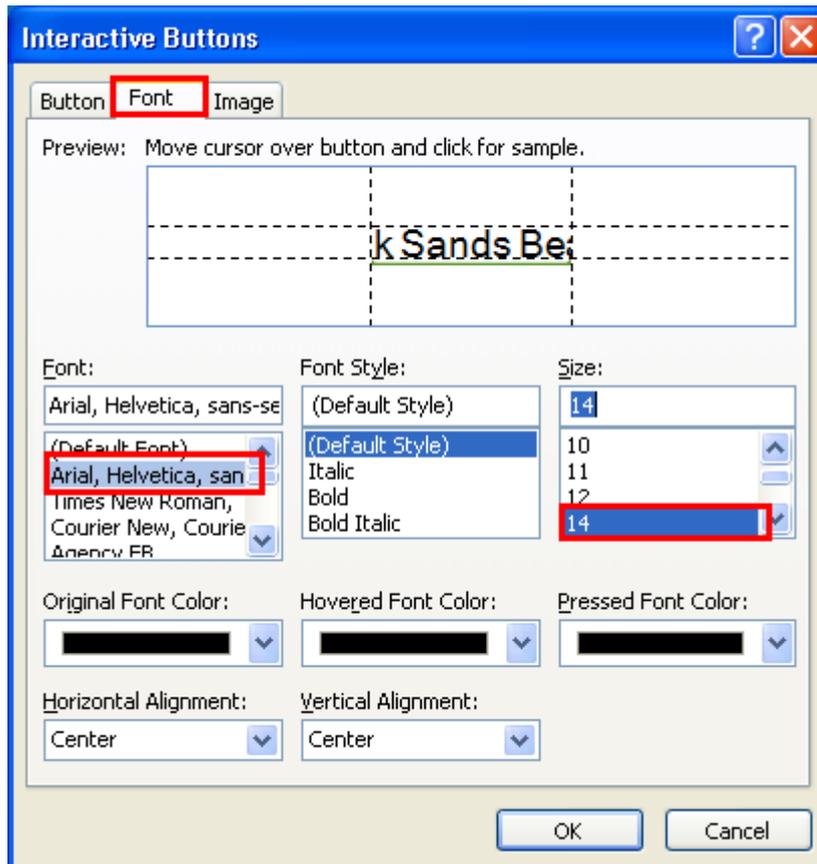


4. In the **Interactive Button** dialog, box on the **Button** tab, select **Simple Line 2** and enter **Pink Sands Beach** in the **Text** field.
5. Click **Browse** next to the **Link** field.
6. In the **Edit Hyperlink** dialog box, select **pink_sands.html** and click **OK**.



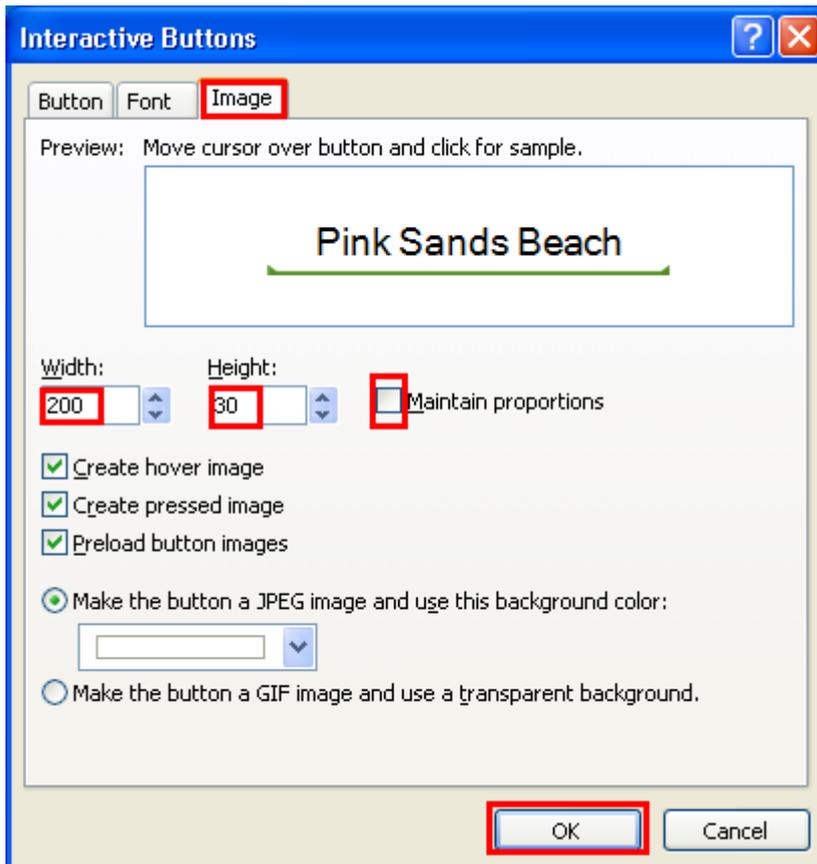
29. In the **Interactive Button** dialog box, open the **Font** tab and change the properties listed in the following table to the values specified.

Property	Value
Font	Arial, Helvetica, sans-serif
Font Style	(Default Style)
Size	14

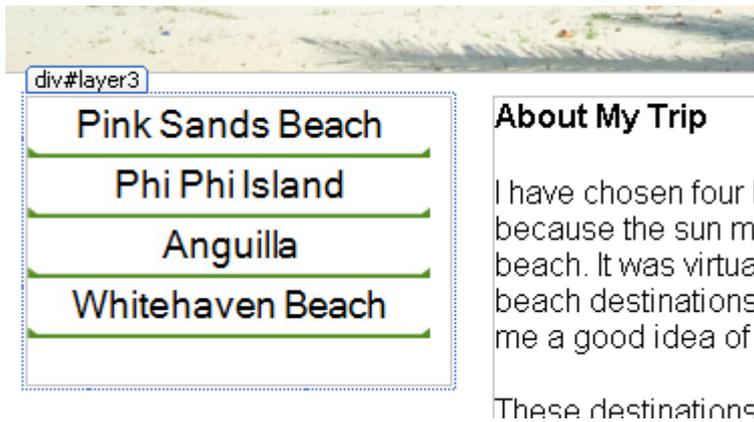


7. In the **Interactive Button** dialog box, open the **Image** tab and change the properties listed in the following table to the values specified and click **OK**.

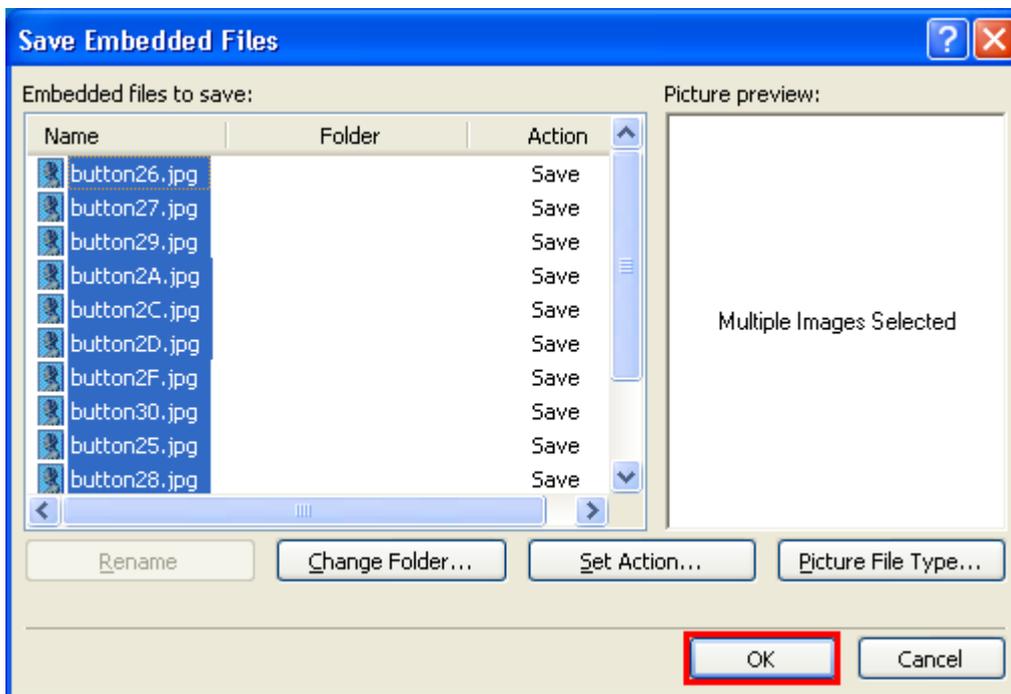
Property	Value
Maintain proportions	Unchecked
Width	200
Height	30



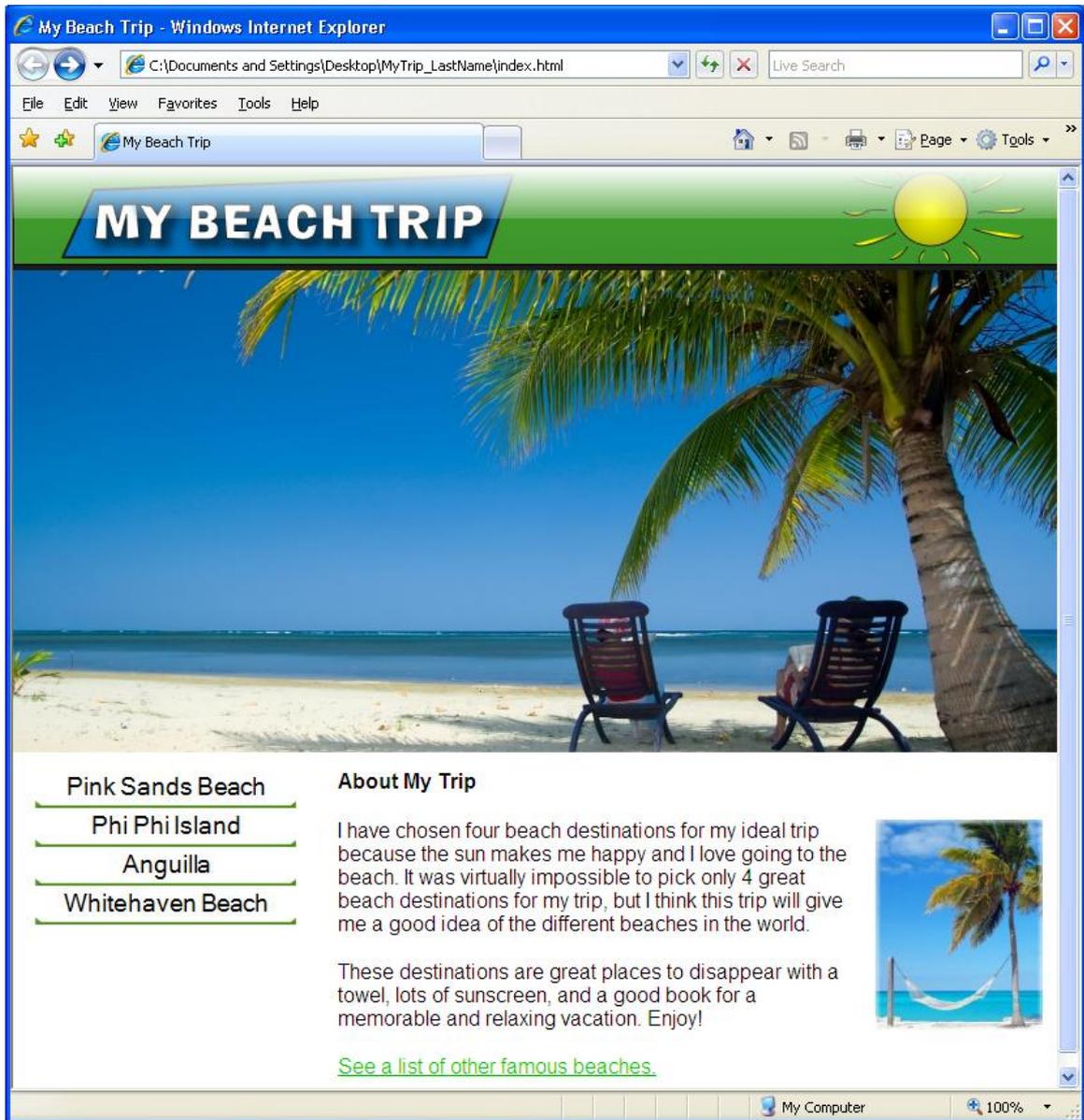
9. Repeat steps 3 through 8 to create interactive buttons for each of the remaining selections in the menu: Phi Phi Island, Anguilla, and Whitehaven Beach. You can use the same process to create interactive buttons on the Dynamic Web Template for the rest of the Web site.



8. On the **File** menu, click **Save**.
9. On the **Save Embedded Files** dialog box, click **OK**.



10. On the **File** menu, point to **Preview in Browser** and click **Windows Internet Explorer 7.0 (1024 X 768)** (or whatever browser you have installed on your computer).
11. Test your links and interactive buttons and then close the browser window.



Congratulations!

You've just completed the "My Beach Trip" Web site using Expression Web.

You learned to use many tools and Web technologies that will be useful as you design more Web pages. Experiment with Expression Web and explore the **Help Menu** to learn about more exciting Web design features and technologies. There are also many learning resources online at <http://expression.microsoft.com/en-us/cc197140.aspx>.